

# Rodrigo González-Barrios

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

666  
citations

759233

12  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1135  
citing authors

#	ARTICLE	IF	CITATIONS
1	CTCF regulates the PI3K-Akt pathway and it is a target for personalized ovarian cancer therapy. <i>Npj Systems Biology and Applications</i> , 2022, 8, 5.	3.0	5
2	Large-scale topological disruption of chromosome territories 9 and 22 is associated with nonresponse to treatment in <i>CML</i> . <i>International Journal of Cancer</i> , 2022, 150, 1455-1470.	5.1	5
3	Genomic Profile in a Non-Seminoma Testicular Germ-Cell Tumor Cohort Reveals a Potential Biomarker of Sensitivity to Platinum-Based Therapy. <i>Cancers</i> , 2022, 14, 2065.	3.7	5
4	The promising role of new molecular biomarkers in prostate cancer: from coding and non-coding genes to artificial intelligence approaches. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 431-443.	3.9	44
5	Landscape of Germline Genetic Variants in AGT, MGMT, and TP53 in Mexican Adult Patients with Astrocytoma. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1285-1297.	3.3	5
6	Sex-dependent pronociceptive role of spinal $5\alpha$ -GABA <sub>A</sub> receptor and its epigenetic regulation in neuropathic rodents. <i>Journal of Neurochemistry</i> , 2021, 156, 897-916.	3.9	24
7	Genomics and epigenomics of axolotl regeneration. <i>International Journal of Developmental Biology</i> , 2021, 65, 465-474.	0.6	5
8	Comparative transcriptome analysis reveals key epigenetic targets in SARS-CoV-2 infection. <i>Npj Systems Biology and Applications</i> , 2021, 7, 21.	3.0	32
9	Transcriptional Profiles Reveal Deregulation of Lipid Metabolism and Inflammatory Pathways in Neurons Exposed to Palmitic Acid. <i>Molecular Neurobiology</i> , 2021, 58, 4639-4651.	4.0	3
10	Epidrug Repurposing: Discovering New Faces of Old Acquaintances in Cancer Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 605386.	2.8	44
11	The Promising Role of miR-21 as a Cancer Biomarker and Its Importance in RNA-Based Therapeutics. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 409-420.	5.1	242
12	The epigenetic factor BORIS (CTCF) controls the androgen receptor regulatory network in ovarian cancer. <i>Oncogenesis</i> , 2019, 8, 41.	4.9	17
13	Histamine Modulates Midbrain Dopamine Neuron Differentiation Through the Regulation of Epigenetic Marks. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 215.	3.7	3
14	Palmitic Acid-Induced NAD <sup>+</sup> Depletion is Associated with the Reduced Function of SIRT1 and Increased Expression of BACE1 in Hippocampal Neurons. <i>Neurochemical Research</i> , 2019, 44, 1745-1754.	3.3	15
15	Abstract 5176: Topological characterization of chromosome territories 9 and 22 and BCR-ABL1 genes in bone marrow CD34 <sup>+</sup> cells. , 2019, , .		0
16	The use of long non-coding RNAs as prognostic biomarkers and therapeutic targets in prostate cancer. <i>Oncotarget</i> , 2018, 9, 20872-20890.	1.8	35
17	CTCF-KDM4A complex correlates with histone modifications that negatively regulate <i>CHD5</i> gene expression in cancer cell lines. <i>Oncotarget</i> , 2018, 9, 17028-17042.	1.8	7
18	MAD2 <sup>β</sup> , a novel MAD2 isoform, reduces mitotic arrest and is associated with resistance in testicular germ cell tumors. <i>Cell Cycle</i> , 2016, 15, 2066-2076.	2.6	4

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19	Methylation of <i>DAPK</i> and <i>THBS1</i> genes in esophageal gastric-type columnar metaplasia. <i>World Journal of Gastroenterology</i> , 2016, 22, 4567.	3.3	3
20	The role of the histone demethylase KDM4A in cancer. <i>Cancer Genetics</i> , 2015, 208, 215-224.	0.4	66
21	Differential distribution of HP1 proteins after trichostatin a treatment influences chromosomal stability in HCT116 and WI-38 cells. <i>Cell Division</i> , 2014, 9, 6.	2.4	3
22	Abstract 542: Regulation of the telomere healing process by the lncRNA TERRA. , 2014, , .		0
23	Function of HP1 proteins as a component in kinetochore formation and its relation with chromosome instability. <i>Epigenetics and Chromatin</i> , 2013, 6, .	3.9	0
24	Association between ERCC1 and XPA expression and polymorphisms and the response to cisplatin in testicular germ cell tumours. <i>British Journal of Cancer</i> , 2013, 109, 68-75.	6.4	52
25	Association between <i>ERCC1</i> and <i>XPA</i> expression and polymorphisms and the response to cisplatin in patients with non-seminomatous testicular germ cell tumors.. <i>Journal of Clinical Oncology</i> , 2013, 31, 4555-4555.	1.6	0
26	Assembling pieces of the centromere epigenetics puzzle. <i>Epigenetics</i> , 2012, 7, 3-13.	2.7	14
27	Disruption of CTCF at the miR-125b1 locus in gynecological cancers. <i>BMC Cancer</i> , 2012, 12, 40.	2.6	33