Guillermo Aquino-Jarquin

List of Publications by Year
in descending order

35 papers	997 citations	535685 17 h-index	488211 31 g-index
38 all docs	38 docs citations	38 times ranked	1855 citing authors

#	Article	IF	Citations
1	Post-publication peer review: another sort of quality control of the scientific record in biomedicine. Gaceta Medica De Mexico, 2023, 156, 523-526.	0.5	3
2	The Raw Cycle Threshold Values From Reverse-transcription Polymerase Chain Reaction Detection Are Not Viral Load Quantitation Units. Clinical Infectious Diseases, 2021, 72, 1489-1490.	2.9	13
3	TNFSF4 is a risk factor to systemic lupus erythematosus in a Latin American population. Clinical Rheumatology, 2021, 40, 929-939.	1.0	4
4	Genotyping of the Major SARS-CoV-2 Clade by Short-Amplicon High-Resolution Melting (SA-HRM) Analysis. Genes, 2021, 12, 531.	1.0	13
5	CRISPR/Cas13-Based Approaches for Ultrasensitive and Specific Detection of microRNAs. Cells, 2021, 10, 1655.	1.8	33
6	Recent progress on rapid SARS-CoV-2/COVID-19 detection by CRISPR-Cas13-based platforms. Drug Discovery Today, 2021, 26, 2025-2035.	3.2	17
7	Current advances in overcoming obstacles of CRISPR/Cas9 off-target genome editing. Molecular Genetics and Metabolism, 2021, 134, 77-86.	0.5	15
8	Engineering of the current nucleoside-modified mRNA-LNP vaccines against SARS-CoV-2. Biomedicine and Pharmacotherapy, 2021, 142, 111953.	2.5	64
9	Oleanolic acid induces a dual agonist action on PPARÎ³/Î± and GLUT4 translocation: A pentacyclic triterpene for dyslipidemia and type 2 diabetes. European Journal of Pharmacology, 2020, 883, 173252.	1.7	30
10	Novel Engineered Programmable Systems for ADAR-Mediated RNA Editing. Molecular Therapy - Nucleic Acids, 2020, 19, 1065-1072.	2.3	36
11	Implementation of highâ€resolution melting analysis of the porcupine (PORCN) gene for molecular diagnosis of focal dermal hypoplasia: Identification of a novel mutation. Journal of Gene Medicine, 2020, 22, e3165.	1.4	1
12	Identification of human miRâ€1839â€5p by small RNAâ€seq, a miRNA enriched in neoplastic tissues. Journal of Gene Medicine, 2019, 21, e3117.	1.4	1
13	Tighten up Mexicoâ€™s regulations on human gene editing. Nature, 2019, 566, 455-455.	13.7	2
14	A single miRNA and miRNA sponge expression system for efficient modulation of miRâ€223 availability in mammalian cells. Journal of Gene Medicine, 2019, 21, e3100.	1.4	2
15	CRISPR-Cas14 is now part of the artillery for gene editing and molecular diagnostic. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 428-431.	1.7	86
16	YY1 negatively regulates the XAF1 gene expression in prostate cancer. Biochemical and Biophysical Research Communications, 2019, 508, 973-979.	1.0	13
17	Hypoxia increases chemoresistance in human medulloblastoma DAOY cells via hypoxiaâ€inducible factor 1Î±â€mediated downregulation of the CYP2B6, CYP3A4 and CYP3A5 enzymes and inhibition of cell proliferation. Oncology Reports, 2018, 41, 178-190.	1.2	22
18	CRISPRâ€“Cas13 Precision Transcriptome Engineering in Cancer. Cancer Research, 2018, 78, 4107-4113.	0.4	66

#	Article	IF	Citations
19	MiR-138 indirectly regulates the MDR1 promoter by NF-Î²B/p65 silencing. Biochemical and Biophysical Research Communications, 2017, 484, 648-655.	1.0	24
20	Reversal of multidrug resistance of leukemia cells is not necessarily induced by direct miR-138/ MDR1 promoter interaction. Leukemia Research, 2017, 57, 55-56.	0.4	2
21	Emerging Role of CRISPR/Cas9 Technology for MicroRNAs Editing in Cancer Research. Cancer Research, 2017, 77, 6812-6817.	0.4	56
22	TRPV4 Regulates Tight Junctions and Affects Differentiation in a Cell Culture Model of the Corneal Epithelium. Journal of Cellular Physiology, 2017, 232, 1794-1807.	2.0	27
23	The complexity of the translation ability of circRNAs. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1245-1251.	0.9	163
24	Role of Chemokines in Non-Small Cell Lung Cancer: Angiogenesis and Inflammation. Journal of Cancer, 2015, 6, 938-952.	1.2	89
25	The TATA-box motif and its impact on transcriptional gene regulation by miRNAs. Biomolecular Concepts, 2015, 6, 157-161.	1.0	1
26	Does the linear Sry transcript function as a ceRNA for miR-138? The sense of antisense. F1000Research, 2014, 3, 90.	0.8	18
27	Transcriptional regulation mechanism mediated by miRNAâ€“DNAâ€¢DNA triplex structure stabilized by Argonaute. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1079-1083.	0.9	41
28	Homologous desensitization of human histamine H3 receptors expressed in CHO-K1 cells. Neuropharmacology, 2014, 77, 387-397.	2.0	17
29	Does the linear Sry transcript function as a ceRNA for miR-138? The sense of antisense. F1000Research, 2014, 3, 90.	0.8	12
30	Molecular analysis and distribution of multidrug-resistant Enterococcus faeciumisolates belonging to clonal complex 17 in a tertiary care center in Mexico City. BMC Microbiology, 2013, 13, 291.	1.3	20
31	Regulation Exerted by miRNAs in the Promoter and UTR Sequences:MDR1/P-gp Expression as a Particular Case. DNA and Cell Biology, 2012, 31, 1358-1364.	0.9	31
32	RNA Aptamer Evolution: Two Decades of SELEction. International Journal of Molecular Sciences, 2011, 12, 9155-9171.	1.8	65
33	Co-Overexpression of YY1 and Gp-170 (MDR1) in Childhood Acute Lymphocytic Leukemia (ALL): Transcription Regulation of Gp-170 by YY1 and Prognostic Significance,. Blood, 2011, 118, 3567-3567.	0.6	1
34	Design and Function of Triplex Hairpin Ribozymes. Methods in Molecular Biology, 2010, 629, 321-336.	0.4	3
35	A Triplex Ribozyme Expression System Based on a Single Hairpin Ribozyme. Oligonucleotides, 2008, 18, 213-224.	2.7	5