

Mauricio Rodriguez-Dorantes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	798 citations	14 h-index	26 g-index
62 ext. papers	935 ext. citations	3.4 avg, IF	3.91 L-index

#	Paper	IF	Citations
55	miRNA biogenesis: biological impact in the development of cancer. <i>Cancer Biology and Therapy</i> , 2014 , 15, 1444-55	4.6	178
54	MicroRNAs transported by exosomes in body fluids as mediators of intercellular communication in cancer. <i>OncoTargets and Therapy</i> , 2014 , 7, 1327-38	4.4	102
53	Relevance of miR-21 in regulation of tumor suppressor gene PTEN in human cervical cancer cells. <i>BMC Cancer</i> , 2016 , 16, 215	4.8	51
52	The genome project of <i>Taenia solium</i> . <i>Parasitology International</i> , 2006 , 55 Suppl, S127-30	2.1	44
51	Urinary microRNA-based signature improves accuracy of detection of clinically relevant prostate cancer within the prostate-specific antigen grey zone. <i>Molecular Medicine Reports</i> , 2016 , 13, 4549-60	2.9	37
50	Differential expression of the estrogen-regulated proto-oncogenes c-fos, c-jun, and bcl-2 and of the tumor-suppressor p53 gene in the male mouse chronically infected with <i>Taenia crassiceps</i> cysticerci. <i>Parasitology Research</i> , 1998 , 84, 616-22	2.4	23
49	Allopregnanolone promotes proliferation and differential gene expression in human glioblastoma cells. <i>Steroids</i> , 2017 , 119, 36-42	2.8	20
48	Antioxidant and antiproliferative activity of blue corn and tortilla from native maize. <i>Chemistry Central Journal</i> , 2017 , 11, 110		20
47	Cyclic adenosine 3',5'-monophosphate increases pancreatic glucokinase activity and gene expression. <i>Endocrinology</i> , 2001 , 142, 1448-52	4.8	19
46	SFRP1 repression in prostate cancer is triggered by two different epigenetic mechanisms. <i>Gene</i> , 2016 , 593, 292-301	3.8	18
45	Modified expression of steroid 5 alpha-reductase as well as aromatase, but not cholesterol side-chain cleavage enzyme, in the reproductive system of male mice during (<i>Taenia crassiceps</i>) cysticercosis. <i>Parasitology Research</i> , 1999 , 85, 393-8	2.4	17
44	Effects of castration and hormone replacement on male sexual behavior and pattern of expression in the brain of sex-steroid receptors in BALB/c AnN mice. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 147, 607-615	2.6	16
43	Transregulation of microRNA miR-21 promoter by AP-1 transcription factor in cervical cancer cells. <i>Cancer Cell International</i> , 2019 , 19, 214	6.4	15
42	Utility of microRNAs and siRNAs in cervical carcinogenesis. <i>BioMed Research International</i> , 2015 , 2015, 374924	3	15
41	The role of DNA methylation and histone acetylation in the regulation of progesterone receptor isoforms expression in human astrocytoma cell lines. <i>Steroids</i> , 2013 , 78, 500-7	2.8	13
40	Hypercontrols in genotype-phenotype analysis reveal ancestral haplotypes associated with essential hypertension. <i>Hypertension</i> , 2012 , 59, 847-53	8.5	13
39	<i>Taenia crassiceps</i> infection disrupts estrous cycle and reproductive behavior in BALB/c female mice. <i>Acta Tropica</i> , 2009 , 109, 141-5	3.2	12

38	Identification of microRNAs in human circulating monocytes of postmenopausal osteoporotic Mexican-Mestizo women: A pilot study. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 5464-5472	2.1	12
37	Transcriptomic analysis reveals new hippocampal gene networks induced by prolactin. <i>Scientific Reports</i> , 2019 , 9, 13765	4.9	11
36	GABA promotes gastrin-releasing peptide secretion in NE/NE-like cells: Contribution to prostate cancer progression. <i>Scientific Reports</i> , 2018 , 8, 10272	4.9	11
35	Remote sensing of intraperitoneal parasitism by the host's brain: regional changes of c-fos gene expression in the brain of feminized cysticercotic male mice. <i>Parasitology</i> , 2004 , 128, 343-51	2.7	11
34	Differential expression of AP-1 transcription factor genes c-fos and c-jun in the helminth parasites <i>Taenia crassiceps</i> and <i>Taenia solium</i> . <i>Parasitology</i> , 2004 , 129, 233-43	2.7	11
33	Progesterone and estradiol effects on SRC-1 and SRC-3 expression in human astrocytoma cell lines. <i>Endocrine</i> , 2010 , 37, 194-200	4	10
32	Tissue Damage in the Male Murine Reproductive System during Experimental <i>Taenia crassiceps</i> Cysticercosis. <i>Journal of Parasitology</i> , 1999 , 85, 887	0.9	10
31	Synergistic effects of ICI 182,780 on the cytotoxicity of cisplatin in cervical carcinoma cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2004 , 53, 533-40	3.5	9
30	Cyclic Adenosine 3',5'-Monophosphate Increases Pancreatic Glucokinase Activity and Gene Expression		9
29	Metatranscriptomic analysis from the Hepatopancreas of adult white leg shrimp (<i>Litopenaeus vannamei</i>). <i>Symbiosis</i> , 2018 , 76, 51-62	3	8
28	Differential DNA methylation pattern in the A and B promoters of the progesterone receptor is associated with differential mRNA expression in the female rat hypothalamus during proestrus. <i>Brain Research</i> , 2013 , 1535, 71-7	3.7	7
27	Modified progesterone receptor expression in the hypothalamus of cysticercotic male mice. <i>Acta Tropica</i> , 2007 , 103, 123-32	3.2	7
26	Progesterone Receptor Subcellular Localization and Gene Expression Profile in Human Astrocytoma Cells Are Modified by Progesterone. <i>Nuclear Receptor Research</i> , 2014 , 1,	1.4	7
25	Mifepristone Overcomes Tumor Resistance to Temozolomide Associated with DNA Damage Repair and Apoptosis in an Orthotopic Model of Glioblastoma. <i>Cancers</i> , 2018 , 11,	6.6	7
24	Anthocyanins of Blue Corn and Tortilla Arrest Cell Cycle and Induce Apoptosis on Breast and Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2020 , 72, 768-777	2.8	7
23	New Approaches in Oncology for Repositioning Drugs: The Case of PDE5 Inhibitor Sildenafil. <i>Frontiers in Oncology</i> , 2021 , 11, 627229	5.3	7
22	Allopregnanolone Alters the Gene Expression Profile of Human Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
21	IL-6 KO mice develop experimental amoebic liver infection with eosinophilia. <i>Journal of Parasitology</i> , 2007 , 93, 1424-8	0.9	5

20	Novel substitution polymorphisms of human immunoglobulin VH genes in Mexicans. <i>Human Immunology</i> , 2005 , 66, 732-40	2.3	4
19	Allele Frequency of Intron Variants and Its Association with Blood Pressure. <i>DNA and Cell Biology</i> , 2020 , 39, 2095-2101	3.6	4
18	Arsenic-protein interactions as a mechanism of arsenic toxicity. <i>Toxicology and Applied Pharmacology</i> , 2021 , 431, 115738	4.6	3
17	DNA methylation analysis of steroid hormone receptor genes. <i>Methods in Molecular Biology</i> , 2014 , 1165, 89-98	1.4	3
16	Conditioned medium from persistently RSV-infected macrophages alters transcriptional profile and inflammatory response of non-infected macrophages. <i>Virus Research</i> , 2017 , 230, 29-37	6.4	2
15	A Multi-Center Study of and Germline Mutations in Mexican-Mestizo Breast Cancer Families Reveals Mutations Unreported in Latin American Population. <i>Cancers</i> , 2019 , 11,	6.6	2
14	Beneficial effects of an algal oil rich in Ω 3 polyunsaturated fatty acids on locomotor function and D dopamine receptor in haloperidol-induced parkinsonism. <i>Nutritional Neuroscience</i> , 2020 , 1-11	3.6	2
13	Altered expression of cytokines and sex steroid receptors in the reproductive tract of cysticercotic male mice. <i>Parasite Immunology</i> , 2010 , 32, 91-100	2.2	2
12	Selective silencing of gene target expression by siRNA expression plasmids in human cervical cancer cells. <i>Methods in Molecular Biology</i> , 2015 , 1249, 153-71	1.4	2
11	RNA-Seq Analysis on the Microbiota Associated with the White Shrimp (<i>Litopenaeus vannamei</i>) in Different Stages of Development. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2483	2.6	2
10	Prostate Cancer Spheroids: A Three-Dimensional Model for Studying Tumor Heterogeneity. <i>Methods in Molecular Biology</i> , 2021 , 2174, 13-17	1.4	1
9	SFRP1 increases TMPRSS2-ERG expression promoting neoplastic features in prostate cancer in vitro and in vivo. <i>Cancer Cell International</i> , 2020 , 20, 312	6.4	1
8	5 α -dihydroprogesterone promotes proliferation and migration of human glioblastoma cells. <i>Steroids</i> , 2020 , 163, 108708	2.8	1
7	Genotyping NUDT15*3 rs1166855232 reveals higher frequency of potential adverse effects of thiopurines in Natives and Mestizos from Mexico. <i>Pharmacological Reports</i> , 2021 , 1	3.9	1
6	Inhibition of Stearoyl-CoA Desaturase by Sterculic Oil Reduces Proliferation and Induces Apoptosis in Prostate Cancer Cell Lines. <i>Nutrition and Cancer</i> , 2021 , 1-14	2.8	1
5	Cell-Internalization SELEX of RNA Aptamers as a Starting Point for Prostate Cancer Research. <i>Methods in Molecular Biology</i> , 2021 , 2174, 245-254	1.4	0
4	Oncogenic role of PinX1 in prostate cancer cells through androgen receptor dependent and independent mechanisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 210, 105858	5.1	0
3	Transporters, TBC1D4, and ARID5B Variants to Explain Glycated Hemoglobin Variability in Patients with Type 2 Diabetes. <i>Pharmacology</i> , 2021 , 106, 588-596	2.3	0

- 2 A 3-state model for multidimensional genomic data integration. *Systems Biomedicine (Austin, Tex)*, **2013**, 1, 122-129

- 1 Prostate cancer detection using a noninvasive method for quantifying miRNAs. *Methods in Molecular Biology*, **2014**, 1165, 81-7

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