

Alfredo Hidalgo-Miranda

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

13,545
citations

145106

33
h-index

46524

93
g-index

104
all docs

104
docs citations

104
times ranked

29468
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-free DNA analysis in current cancer clinical trials: a review. <i>British Journal of Cancer</i> , 2022, 126, 391-400.	2.9	74
2	Early Genomic, Epidemiological, and Clinical Description of the SARS-CoV-2 Omicron Variant in Mexico City. <i>Viruses</i> , 2022, 14, 545.	1.5	23
3	End-point RT-PCR based on a conservation landscape for SARS-COV-2 detection. <i>Scientific Reports</i> , 2022, 12, 4759.	1.6	4
4	Gene expression profiles and cytokine environments determine the in vitro proliferation and expansion capacities of human hematopoietic stem and progenitor cells. <i>Hematology</i> , 2022, 27, 476-487.	0.7	0
5	Three-Dimensional Organotypic Cultures Reshape the microRNAs Transcriptional Program in Breast Cancer Cells. <i>Cancers</i> , 2022, 14, 2490.	1.7	6
6	Analytical Performances of the COVISTIX™ Antigen Rapid Test for SARS-CoV-2 Detection in an Unselected Population (All-Comers). <i>Pathogens</i> , 2022, 11, 628.	1.2	1
7	Promising genes and variants to reduce chemotherapy adverse effects in acute lymphoblastic leukemia. <i>Translational Oncology</i> , 2021, 14, 100978.	1.7	6
8	Challenges of diagnostic genomics in Latin America. <i>Current Opinion in Genetics and Development</i> , 2021, 66, 101-109.	1.5	13
9	Saliva is a reliable and accessible source for the detection of SARS-CoV-2. <i>International Journal of Infectious Diseases</i> , 2021, 105, 83-90.	1.5	47
10	Quantitative proteomic analysis of extracellular vesicle subgroups isolated by an optimized method combining polymerase-based precipitation and size exclusion chromatography. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12087.	5.5	55
11	Comprehensive omic characterization of breast cancer in Mexican-Hispanic women. <i>Nature Communications</i> , 2021, 12, 2245.	5.8	14
12	LINC00460 Is a Dual Biomarker That Acts as a Predictor for Increased Prognosis in Basal-Like Breast Cancer and Potentially Regulates Immunogenic and Differentiation-Related Genes. <i>Frontiers in Oncology</i> , 2021, 11, 628027.	1.3	11
13	Mitochondrial Heteroplasmy Shifting as a Potential Biomarker of Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7369.	1.8	28
14	Emergence and spread of the potential variant of interest (VOI) B.1.1.519 of SARS-CoV-2 predominantly present in Mexico. <i>Archives of Virology</i> , 2021, 166, 3173-3177.	0.9	31
15	The Evolutionary Landscape of SARS-CoV-2 Variant B.1.1.519 and Its Clinical Impact in Mexico City. <i>Viruses</i> , 2021, 13, 2182.	1.5	31
16	Mechanisms of Immunosuppressive Tumor Evasion: Focus on Acute Lymphoblastic Leukemia. <i>Frontiers in Immunology</i> , 2021, 12, 737340.	2.2	12
17	Genotype-Environment Interaction Analysis of NQO1, CYP2E1, and NAT2 Polymorphisms and the Risk of Childhood Acute Lymphoblastic Leukemia: A Report From the Mexican Interinstitutional Group for the Identification of the Causes of Childhood Leukemia. <i>Frontiers in Oncology</i> , 2020, 10, 571869.	1.3	12
18	Mitochondrial DNA Mutation Analysis in Breast Cancer: Shifting From Germline Heteroplasmy Toward Homoplasmy in Tumors. <i>Frontiers in Oncology</i> , 2020, 10, 572954.	1.3	19

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19	A lncRNA landscape in breast cancer reveals a potential role for AC009283.1 in proliferation and apoptosis in HER2-enriched subtype. <i>Scientific Reports</i> , 2020, 10, 13146.	1.6	24
20	FAM83H-AS1 is a potential modulator of cancer driver genes across different tumors and a prognostic marker for ER/PR+BRCA patients. <i>Scientific Reports</i> , 2020, 10, 14145.	1.6	7
21	MiR-302b as a Combinatorial Therapeutic Approach to Improve Cisplatin Chemotherapy Efficacy in Human Triple-Negative Breast Cancer. <i>Cancers</i> , 2020, 12, 2261.	1.7	12
22	Transcriptome Analysis Identifies LINC00152 as a Biomarker of Early Relapse and Mortality in Acute Lymphoblastic Leukemia. <i>Genes</i> , 2020, 11, 302.	1.0	21
23	The Human Papillomavirus (HPV) E1 protein regulates the expression of cellular genes involved in immune response. <i>Scientific Reports</i> , 2019, 9, 13620.	1.6	25
24	WNT signaling modulates PD-L1 expression in the stem cell compartment of triple-negative breast cancer. <i>Oncogene</i> , 2019, 38, 4047-4060.	2.6	137
25	Wide Profiling of Circulating MicroRNAs in Spinocerebellar Ataxia Type 7. <i>Molecular Neurobiology</i> , 2019, 56, 6106-6120.	1.9	12
26	Long Non-Coding RNA and Acute Leukemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 735.	1.8	40
27	Growth inhibition and transcriptional effects of ribavirin in lymphoma. <i>Oncology Reports</i> , 2019, 42, 1248-1256.	1.2	5
28	Expression of long non-coding RNA ENSG00000226738 (LncKLHDC7B) is enriched in the immunomodulatory triple-negative breast cancer subtype and its alteration promotes cell migration, invasion, and resistance to cell death. <i>Molecular Oncology</i> , 2019, 13, 909-927.	2.1	29
29	A panel of 32 AIMs suitable for population stratification correction and global ancestry estimation in Mexican mestizos. <i>BMC Genetics</i> , 2019, 20, 5.	2.7	11
30	Population and breast cancer patients analysis reveals the diversity of genomic variation of the BRCA genes in the Mexican population. <i>Human Genomics</i> , 2019, 13, 3.	1.4	16
31	Functional Integrity and Gene Expression Profiles of Human Cord Blood-Derived Hematopoietic Stem and Progenitor Cells Generated In Vitro. <i>Stem Cells Translational Medicine</i> , 2018, 7, 602-614.	1.6	14
32	Overview of mitochondrial germline variants and mutations in human disease: Focus on breast cancer (Review). <i>International Journal of Oncology</i> , 2018, 53, 923-936.	1.4	24
33	Early synergistic interactions between the HPV16 E7 oncoprotein and 17 β -oestradiol for repressing the expression of Granzyme B in a cervical cancer model. <i>International Journal of Oncology</i> , 2018, 53, 579-591.	1.4	10
34	Long non-coding RNAs: implications in targeted diagnoses, prognosis, and improved therapeutic strategies in human non- and triple-negative breast cancer. <i>Clinical Epigenetics</i> , 2018, 10, 88.	1.8	49
35	Loss of function of miR-342-3p results in MCT1 over-expression and contributes to oncogenic metabolic reprogramming in triple negative breast cancer. <i>Scientific Reports</i> , 2018, 8, 12252.	1.6	75
36	Differential gene expression profiles according to the Association for the Study of Lung Cancer/American Thoracic Society/European Respiratory Society histopathological classification in lung adenocarcinoma subtypes. <i>Human Pathology</i> , 2017, 66, 188-199.	1.1	12

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37	Global gene expression profiles of hematopoietic stem and progenitor cells from patients with chronic myeloid leukemia: the effect of in vitro culture with or without imatinib. <i>Cancer Medicine</i> , 2017, 6, 2942-2956.	1.3	18
38	Recurrent and functional regulatory mutations in breast cancer. <i>Nature</i> , 2017, 547, 55-60.	13.7	269
39	Acute lymphoblastic leukemia: a genomic perspective. <i>Boletín Médico Del Hospital Infantil De México (English Edition)</i> , 2017, 74, 13-26.	0.0	3
40	miRNA expression profiles in plasma patients with spinocerebellar ataxia type 7 (SCA7). <i>Journal of the Neurological Sciences</i> , 2017, 381, 311.	0.3	0
41	The PDZ-Binding Motif of HPV16-E6 Oncoprotein Modulates the Keratinization and Stemness Transcriptional Profile <i>In Vivo</i> . <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	3
42	Molecular features of influenza A (H1N1)pdm09 prevalent in Mexico during winter seasons 2012-2014. <i>PLoS ONE</i> , 2017, 12, e0180419.	1.1	7
43	Abstract P6-09-18: Predictive factors of pathologic complete response to neoadjuvant chemotherapy in patients with Luminal HER2(-) local advanced breast cancer using the DMET microarray. , 2017, , .		0
44	Insights into the Regulatory Role of Non-coding RNAs in Cancer Metabolism. <i>Frontiers in Physiology</i> , 2016, 7, 342.	1.3	38
45	Analysis of Thiopurine S-Methyltransferase Deficient Alleles in Acute Lymphoblastic Leukemia Patients in Mexican Patients. <i>Archives of Medical Research</i> , 2016, 47, 615-622.	1.5	9
46	Gene Expression Profiling of Acute Lymphoblastic Leukemia in Children with Very Early Relapse. <i>Archives of Medical Research</i> , 2016, 47, 644-655.	1.5	26
47	Gene-expression profiles in lung adenocarcinomas related to chronic wood smoke or tobacco exposure. <i>Respiratory Research</i> , 2016, 17, 42.	1.4	16
48	Dual targeting of ANGPT1 and TGFBR2 genes by miR-204 controls angiogenesis in breast cancer. <i>Scientific Reports</i> , 2016, 6, 34504.	1.6	63
49	Relevance of miR-21 in regulation of tumor suppressor gene PTEN in human cervical cancer cells. <i>BMC Cancer</i> , 2016, 16, 215.	1.1	64
50	Changes in global gene expression profiles induced by HPV 16 E6 oncoprotein variants in cervical carcinoma C33-A cells. <i>Virology</i> , 2016, 488, 187-195.	1.1	29
51	Abstract A47: A microRNA signature identifies subtypes of triple-negative breast cancer and reveals miR-342-3p as regulator of a lactate metabolic pathway through silencing monocarboxylate transporter 1. <i>Cancer Research</i> , 2016, 76, A47-A47.	0.4	2
52	Circulating microRNA expression profile in B-cell acute lymphoblastic leukemia. <i>Cancer Biomarkers</i> , 2015, 15, 299-310.	0.8	39
53	Identification of Differentially Expressed Genes Associated with Prognosis of B Acute Lymphoblastic Leukemia. <i>Disease Markers</i> , 2015, 2015, 1-11.	0.6	16
54	Calcitriol increases Dicer expression and modifies the microRNAs signature in SiHa cervical cancer cells. <i>Biochemistry and Cell Biology</i> , 2015, 93, 376-384.	0.9	24

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55	Circulating levels of miR-150 are associated with poorer outcomes of A/H1N1 infection. <i>Experimental and Molecular Pathology</i> , 2015, 99, 253-261.	0.9	33
56	On the effects of CP 55-940 and other cannabinoid receptor agonists in C6 and U373 cell lines. <i>Toxicology in Vitro</i> , 2015, 29, 1941-1951.	1.1	14
57	Altered Expression of Circulating MicroRNA in Plasma of Patients with Primary Osteoarthritis and In Silico Analysis of Their Pathways. <i>PLoS ONE</i> , 2014, 9, e97690.	1.1	85
58	Exploring the Distribution of Genetic Markers of Pharmacogenomics Relevance in Brazilian and Mexican Populations. <i>PLoS ONE</i> , 2014, 9, e112640.	1.1	67
59	Overexpression of MEOX2 and TWIST1 Is Associated with H3K27me3 Levels and Determines Lung Cancer Chemoresistance and Prognosis. <i>PLoS ONE</i> , 2014, 9, e114104.	1.1	35
60	MicroRNAs transported by exosomes in body fluids as mediators of intercellular communication in cancer. <i>OncoTargets and Therapy</i> , 2014, 7, 1327.	1.0	125
61	RAD50 targeting impairs DNA damage response and sensitizes human breast cancer cells to cisplatin therapy. <i>Cancer Biology and Therapy</i> , 2014, 15, 777-788.	1.5	23
62	Systems consequences of amplicon formation in human breast cancer. <i>Genome Research</i> , 2014, 24, 1559-1571.	2.4	32
63	miRNA biogenesis: Biological impact in the development of cancer. <i>Cancer Biology and Therapy</i> , 2014, 15, 1444-1455.	1.5	205
64	mRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects. <i>Gene</i> , 2014, 533, 508-514.	1.0	54
65	Landscape of genomic alterations in cervical carcinomas. <i>Nature</i> , 2014, 506, 371-375.	13.7	708
66	The genetics of Mexico recapitulates Native American substructure and affects biomedical traits. <i>Science</i> , 2014, 344, 1280-1285.	6.0	420
67	Abstract 4370: miRNA profiles identify different subgroups of triple negative tumors and reveal novel miRNA-mRNA interactions in breast cancer tumorigenesis. , 2014, , .		0
68	Seasonal and pandemic influenza H1N1 viruses induce differential expression of SOCS-1 and RIG-I genes and cytokine/chemokine production in macrophages. <i>Cytokine</i> , 2013, 62, 151-159.	1.4	34
69	Gene expression profile regulated by the HPV16 E7 oncoprotein and estradiol in cervical tissue. <i>Virology</i> , 2013, 447, 155-165.	1.1	30
70	Mutational heterogeneity in cancer and the search for new cancer-associated genes. <i>Nature</i> , 2013, 499, 214-218.	13.7	4,761
71	Resveratrol induces downregulation of DNA repair genes in MCF-7 human breast cancer cells. <i>European Journal of Cancer Prevention</i> , 2013, 22, 11-20.	0.6	42
72	Development of a Panel of Genome-Wide Ancestry Informative Markers to Study Admixture Throughout the Americas. <i>PLoS Genetics</i> , 2012, 8, e1002554.	1.5	212

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73	Discovery and prioritization of somatic mutations in diffuse large B-cell lymphoma (DLBCL) by whole-exome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3879-3884.	3.3	853
74	Hypercontrols in Genotype-Phenotype Analysis Reveal Ancestral Haplotypes Associated With Essential Hypertension. <i>Hypertension</i> , 2012, 59, 847-853.	1.3	15
75	Breast cancer proteomics reveals a positive correlation between glyoxalase 1 expression and high tumor grade. <i>International Journal of Oncology</i> , 2012, 41, 670-680.	1.4	54
76	Differential gene expression between skin and cervix induced by the E7 oncoprotein in a transgenic mouse model. <i>Virology</i> , 2012, 433, 337-345.	1.1	14
77	Cancer Progression Mediated by Horizontal Gene Transfer in an In Vivo Model. <i>PLoS ONE</i> , 2012, 7, e52754.	1.1	114
78	Sequence analysis of mutations and translocations across breast cancer subtypes. <i>Nature</i> , 2012, 486, 405-409.	13.7	1,107
79	Identification and Pathway Analysis of microRNAs with No Previous Involvement in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e31904.	1.1	39
80	The Role of Master Regulators in the Metabolic/Transcriptional Coupling in Breast Carcinomas. <i>PLoS ONE</i> , 2012, 7, e42678.	1.1	20
81	The Mutational Landscape of Head and Neck Squamous Cell Carcinoma. <i>Science</i> , 2011, 333, 1157-1160.	6.0	2,225
82	Paradoxical changes in the expression of estrogen receptor alpha in breast cancer multicellular spheroids. <i>Tissue and Cell</i> , 2010, 42, 334-337.	1.0	4
83	Analysis of genomic diversity in Mexican Mestizo populations to develop genomic medicine in Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8611-8616.	3.3	341
84	Gene expression profile of cervical and skin tissues from human papillomavirus type 16 E6 transgenic mice. <i>BMC Cancer</i> , 2008, 8, 347.	1.1	20
85	Genomic medicine in Mexico: Initial steps and the road ahead. <i>Genome Research</i> , 2008, 18, 1191-1198.	2.4	29
86	Nonlinear Analysis of Time Series in Genome-Wide Linkage Disequilibrium Data. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	1
87	GPDTI: A Genetic Programming Decision Tree Induction method to find epistatic effects in common complex diseases. <i>Bioinformatics</i> , 2007, 23, i167-i174.	1.8	21
88	HOXB homeobox gene expression in cervical carcinoma. <i>International Journal of Gynecological Cancer</i> , 2006, 16, 329-335.	1.2	42
89	Gene Identification by cDNA Arrays in HPV-Positive Cervical Cancer. <i>Archives of Medical Research</i> , 2005, 36, 448-458.	1.5	29
90	Changes in retinoblastoma gene expression during cervical cancer progression. <i>International Journal of Experimental Pathology</i> , 2003, 83, 275-286.	0.6	13

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91	A simple method for the construction of small format tissue arrays. <i>Journal of Clinical Pathology</i> , 2003, 56, 144-146.	1.0	55
92	High Prevalence of RET Tyrosine Kinase Activation in Mexican Patients with Papillary Thyroid Carcinomas. <i>Endocrine Pathology</i> , 2001, 12, 113-124.	5.2	7
93	Human papilloma virus status and chromosomal imbalances in primary cervical carcinomas and tumour cell lines. <i>European Journal of Cancer</i> , 2000, 36, 542-548.	1.3	45
94	Chromosomal Imbalances in Brain Metastases of Solid Tumors. <i>Brain Pathology</i> , 2000, 10, 395-401.	2.1	60
95	Underexpression of LINC00173 in TCF3/PBX1-Positive Cases Is Associated With Poor Prognosis in Children With B-Cell Precursor Acute Lymphoblastic Leukemia. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2