Carlos Perez-Plasencia

List of Publications by Year
in descending order

116 papers	3,635 citations	136885 32 h-index	149623 56 g-index
121 all docs	121 docs citations	121 times ranked	6145 citing authors

#	Article	IF	Citations
1	Valproic acid as epigenetic cancer drug: Preclinical, clinical and transcriptional effects on solid tumors. Cancer Treatment Reviews, 2008, 34, 206-222.	3.4	314
2	A phase II study of epigenetic therapy with hydralazine and magnesium valproate to overcome chemotherapy resistance in refractory solid tumors. Annals of Oncology, 2007, 18, 1529-1538.	0.6	206
3	Crosstalk Between Long Non-coding RNAs, Micro-RNAs and mRNAs: Deciphering Molecular Mechanisms of Master Regulators in Cancer. Frontiers in Oncology, 2019, 9, 669.	1.3	184
4	Cancer-initiating cells derived from established cervical cell lines exhibit stem-cell markers and increased radioresistance. BMC Cancer, 2012, 12, 48.	1.1	168
5	A Proof-Of-Principle Study of Epigenetic Therapy Added to Neoadjuvant Doxorubicin Cyclophosphamide for Locally Advanced Breast Cancer. PLoS ONE, 2006, 1, e98.	1.1	126
6	Protein Kinases and Transcription Factors Activation in Response to UV-Radiation of Skin: Implications for Carcinogenesis. International Journal of Molecular Sciences, 2012, 13, 142-172.	1.8	126
7	Histone acetylation and histone deacetylase activity of magnesium valproate in tumor and peripheral blood of patients with cervical cancer. A phase I study. Molecular Cancer, 2005, 4, 22.	7.9	115
8	Antineoplastic effects of the DNA methylation inhibitor hydralazine and the histone deacetylase inhibitor valproic acid in cancer cell lines. Cancer Cell International, 2006, 6, 2.	1.8	111
9	Significant clinical impact of recurrent BRCA1 and BRCA2 mutations in Mexico. Cancer, 2015, 121, 372-378.	2.0	78
10	Strategies for the evaluation of DNA damage and repair mechanisms in cancer. Oncology Letters, 2017, 13, 3982-3988.	0.8	76
11	Microarray comparative genomic hybridization detection of chromosomal imbalances in uterine cervix carcinoma. BMC Cancer, 2005, 5, 77.	1.1	74
12	Targeted treatments for cervical cancer: a review. OncoTargets and Therapy, 2012, 5, 315.	1.0	73
13	Relevance of miR-21 in regulation of tumor suppressor gene PTEN in human cervical cancer cells. BMC Cancer, 2016, 16, 215.	1.1	64
14	Second hit in cervical carcinogenesis process: involvement of wnt/beta catenin pathway. International Archive of Medicine, 2008, 1, 10.	1.2	63
15	Dual targeting of ANGPT1 and TGFBR2 genes by miR-204 controls angiogenesis in breast cancer. Scientific Reports, 2016, 6, 34504.	1.6	63
16	Medicinal plants used in Mexican traditional medicine for the treatment of colorectal cancer. Journal of Ethnopharmacology, 2016, 179, 391-402.	2.0	62
17	Methylation Landscape of Human Breast Cancer Cells in Response to Dietary Compound Resveratrol. PLoS ONE, 2016, 11, e0157866.	1.1	57
18	MicroRNAs in Cervical Cancer: Evidences for a miRNA Profile Deregulated by HPV and Its Impact on Radio-Resistance. Molecules, 2014, 19, 6263-6281.	1.7	55

#	Article	IF	Citations
19	Breast cancer proteomics reveals a positive correlation between glyoxalase 1 expression and high tumor grade. International Journal of Oncology, 2012, 41, 670-680.	1.4	54
20	MetastamiRs: Non-Coding MicroRNAs Driving Cancer Invasion and Metastasis. International Journal of Molecular Sciences, 2012, 13, 1347-1379.	1.8	53
21	Genome wide expression analysis in HPV16 Cervical Cancer: identification of altered metabolic pathways. Infectious Agents and Cancer, 2007, 2, 16.	1.2	52
22	MicroRNAs are involved in cervical cancer development, progression, clinical outcome and improvement treatment response (Review). Oncology Reports, 2016, 35, 3-12.	1.2	50
23	A microRNA expression signature for clinical response in locally advanced cervical cancer. Gynecologic Oncology, 2016, 142, 557-565.	0.6	49
24	Lack of STAT6 Attenuates Inflammation and Drives Protection against Early Steps of Colitis-Associated Colon Cancer. Cancer Immunology Research, 2017, 5, 385-396.	1.6	47
25	microRNA-18b is upregulated in breast cancer and modulates genes involved in cell migration. Oncology Reports, 2013, 30, 2399-2410.	1.2	46
26	Cancer Stem Cells and Its Role in Angiogenesis and Vasculogenic Mimicry in Gastrointestinal Cancers. Frontiers in Oncology, 2020, 10, 413.	1.3	46
27	Long Non-Coding RNAs as New Master Regulators of Resistance to Systemic Treatments in Breast Cancer. International Journal of Molecular Sciences, 2018, 19, 2711.	1.8	43
28	Selective Acetogenins and Their Potential as Anticancer Agents. Frontiers in Pharmacology, 2019, 10, 783.	1.6	43
29	Micro-RNAs as Potential Predictors of Response to Breast Cancer Systemic Therapy: Future Clinical Implications. International Journal of Molecular Sciences, 2017, 18, 1182.	1.8	39
30	Cell migration and proliferation are regulated by miR-26a in colorectal cancer via the PTENâ€“AKT axis. Cancer Cell International, 2019, 19, 80.	1.8	38
31	Full-Exon Pyrosequencing Screening of BRCA Germline Mutations in Mexican Women with Inherited Breast and Ovarian Cancer. PLoS ONE, 2012, 7, e37432.	1.1	37
32	Cooperative multi-targeting of signaling networks by angiomiR-204 inhibits vasculogenic mimicry in breast cancer cells. Cancer Letters, 2018, 432, 17-27.	3.2	33
33	p21 Activated kinase 1: Nuclear activity and its role during DNA damage repair. DNA Repair, 2018, 65, 42-46.	1.3	32
34	Interplay Between Autophagy and Wnt/Î²-Catenin Signaling in Cancer: Therapeutic Potential Through Drug Repositioning. Frontiers in Oncology, 2020, 10, 1037.	1.3	31
35	A subgroup of HOX Abd-B gene is differentially expressed in cervical cancer. International Journal of Gynecological Cancer, 2006, 16, 1289-1296.	1.2	30
36	Early and Partial Reduction in CD4⁺Foxp3⁺ Regulatory T Cells during Colitis-Associated Colon Cancer Induces CD4⁺ and CD8⁺ T Cell Activation Inhibiting Tumorigenesis. Journal of Cancer, 2018, 9, 239-249.	1.2	30

#	Article	IF	Citations
37	Can the state of cancer chemotherapy resistance be reverted by epigenetic therapy?. Molecular Cancer, 2006, 5, 27.	7.9	27
38	Helminthâ€derived molecules inhibit colitisâ€associated colon cancer development through NFâ€ºB and STAT3 regulation. International Journal of Cancer, 2019, 145, 3126-3139.	2.3	27
39	Targeting Metabolic Remodeling in Triple Negative Breast Cancer in a Murine Model. Journal of Cancer, 2017, 8, 178-189.	1.2	26
40	Extraintestinal Helminth Infection Reduces the Development of Colitis-Associated Tumorigenesis. International Journal of Biological Sciences, 2014, 10, 948-956.	2.6	25
41	Gene expression profiles induced by E6 from non-European HPV18 variants reveals a differential activation on cellular processes driving to carcinogenesis. Virology, 2012, 432, 81-90.	1.1	23
42	MiR-26a downregulates retinoblastoma in colorectal cancer. Tumor Biology, 2017, 39, 101042831769594.	0.8	23
43	MicroRNA-125 modulates radioresistance through targeting p21 in cervical cancer. Oncology Reports, 2018, 39, 1532-1540.	1.2	23
44	Transcriptional changes induced by epigenetic therapy with hydralazine and magnesium valproate in cervical carcinoma. Oncology Reports, 2011, 25, 399-407.	1.2	22
45	Comprehensive transcriptome analysis identifies pathways with therapeutic potential in locally advanced cervical cancer. Gynecologic Oncology, 2016, 143, 406-413.	0.6	22
46	Gene signature based on degradome-related genes can predict distal metastasis in cervical cancer patients. Tumor Biology, 2017, 39, 101042831771189.	0.8	22
47	Use of STAT6 Phosphorylation Inhibitor and Trimethylglycine as New Adjuvant Therapies for 5-Fluorouracil in Colitis-Associated Tumorigenesis. International Journal of Molecular Sciences, 2020, 21, 2130.	1.8	22
48	Deficiency in STAT1 Signaling Predisposes Gut Inflammation and Prompts Colorectal Cancer Development. Cancers, 2018, 10, 341.	1.7	21
49	Entamoeba histolytica Up-Regulates MicroRNA-643 to Promote Apoptosis by Targeting XIAP in Human Epithelial Colon Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 437.	1.8	20
50	Identification of miRNA Master Regulators in Breast Cancer. Cells, 2020, 9, 1610.	1.8	20
51	Revealing the Molecular Portrait of Triple Negative Breast Tumors in an Understudied Population through Omics Analysis of Formalin-Fixed and Paraffin-Embedded Tissues. PLoS ONE, 2015, 10, e0126762.	1.1	18
52	Utility of MicroRNAs and siRNAs in Cervical Carcinogenesis. BioMed Research International, 2015, 2015, 1-13.	0.9	18
53	Anti-inflammatory and Antitumor Activity of a Triple Therapy for a Colitis-Related Colorectal Cancer. Journal of Cancer, 2016, 7, 1632-1644.	1.2	18
54	DNA methylation data for identification of epigenetic targets of resveratrol in triple negative breast cancer cells. Data in Brief, 2017, 11, 169-182.	0.5	18

#	Article	IF	Citations
55	Combination of Metformin, Sodium Oxamate and Doxorubicin Induces Apoptosis and Autophagy in Colorectal Cancer Cells via Downregulation HIF-1Î±. Frontiers in Oncology, 2021, 11, 594200.	1.3	18
56	mRNA Decay Proteins Are Targeted to poly(A)+ RNA and dsRNA-Containing Cytoplasmic Foci That Resemble P-Bodies in Entamoeba histolytica. PLoS ONE, 2012, 7, e45966.	1.1	17
57	Metaplastic breast cancer: a comparison between the most common histologies with poor immunohistochemistry factors. BMC Cancer, 2015, 15, 75.	1.1	17
58	Transregulation of microRNA miR-21 promoter by AP-1 transcription factor in cervical cancer cells. Cancer Cell International, 2019, 19, 214.	1.8	17
59	Macrophage Migration Inhibitory Factor Promotes the Interaction between the Tumor, Macrophages, and T Cells to Regulate the Progression of Chemically Induced Colitis-Associated Colorectal Cancer. Mediators of Inflammation, 2019, 2019, 1-16.	1.4	17
60	Clinical evidence of the relationship between aspirin and breast cancer risk (Review). Oncology Reports, 2014, 32, 451-461.	1.2	16
61	Is lymphadenectomy necessary in mucinous ovarian cancer? A single institution experience. International Journal of Surgery, 2017, 41, 1-5.	1.1	16
62	miRNA profile obtained by nextâ€‘generation sequencing in metastatic breast cancer patients is able to predict the response to systemic treatments. International Journal of Molecular Medicine, 2019, 44, 1267-1280.	1.8	16
63	Inhibition of Wnt-Î²-Catenin Signaling by ICRT14 Drug Depends of Post-Transcriptional Regulation by HOTAIR in Human Cervical Cancer HeLa Cells. Frontiers in Oncology, 2021, 11, 729228.	1.3	16
64	Characterization of the global profile of genes expressed in cervical epithelium by Serial Analysis of Gene Expression (SAGE). BMC Genomics, 2005, 6, 130.	1.2	15
65	miRâ€‘145â€‘5p is associated with pathological complete response to neoadjuvant chemotherapy and impairs cell proliferation by targeting TGFÎ²R2 in breast cancer. Oncology Reports, 2019, 41, 3527-3534.	1.2	15
66	Negative Regulation of ULK1 by microRNA-106a in Autophagy Induced by a Triple Drug Combination in Colorectal Cancer Cells In Vitro. Genes, 2021, 12, 245.	1.0	15
67	Reduced PAK1 activity sensitizes FA/BRCA-proficient breast cancer cells to PARP inhibition. Oncotarget, 2016, 7, 76590-76603.	0.8	14
68	Changes in retinoblastoma gene expression during cervical cancer progression. International Journal of Experimental Pathology, 2003, 83, 275-286.	0.6	13
69	Transcriptomic Profiling of Adipose Tissue in Obese Women in Response to Acupuncture Catgut Embedding Therapy with Moxibustion. Journal of Alternative and Complementary Medicine, 2016, 22, 658-668.	2.1	13
70	BRCA mutations: is everything said?. Breast Cancer Research and Treatment, 2019, 173, 49-54.	1.1	12
71	High prevalence of human papillomavirus and European variants of HPV 16 infecting concomitantly to cervix and oral cavity in HIV positive women. PLoS ONE, 2020, 15, e0227900.	1.1	12
72	Transcript Profiling Distinguishes Complete Treatment Responders With Locally Advanced Cervical Cancer. Translational Oncology, 2015, 8, 77-84.	1.7	11

#	Article	IF	Citations
73	MicroRNA-143 is Associated With Pathological Complete Response and Regulates Multiple Signaling Proteins in Breast Cancer. Technology in Cancer Research and Treatment, 2019, 18, 153303381982730.	0.8	11
74	Alternative splicing regulation in tumor necrosis factorâ€'mediated inflammation (Review). Oncology Letters, 2017, 14, 5114-5120.	0.8	10
75	Negative Regulation of Serine Threonine Kinase 11 (STK11) through miR-100 in Head and Neck Cancer. Genes, 2020, 11, 1058.	1.0	10
76	Aberrant Metabolism as Inductor of Epigenetic Changes in Breast Cancer: Therapeutic Opportunities. Frontiers in Oncology, 2021, 11, 676562.	1.3	10
77	Non-Coding RNAs Associated With Radioresistance in Triple-Negative Breast Cancer. Frontiers in Oncology, 2021, 11, 752270.	1.3	10
78	Molecular Differences between Squamous Cell Carcinoma and Adenocarcinoma Cervical Cancer Subtypes: Potential Prognostic Biomarkers. Current Oncology, 2022, 29, 4689-4702.	0.9	10
79	Uterine sarcomas: Review of 26 years at The Instituto Nacional de Cancerologia of Mexico. International Journal of Surgery, 2013, 11, 518-523.	1.1	9
80	Dysregulation of miR-155-5p and miR-200-3p and the Anti-Non-Bilayer Phospholipid Arrangement Antibodies Favor the Development of Lupus in Three Novel Murine Lupus Models. Journal of Immunology Research, 2017, 2017, 1-12.	0.9	9
81	Intratype variants of the E2 protein from human papillomavirus type 18 induce different gene expression profiles associated with apoptosis and cell proliferation. Archives of Virology, 2019, 164, 1815-1827.	0.9	9
82	A Multi-Center Study of BRCA1 and BRCA2 Germline Mutations in Mexican-Mestizo Breast Cancer Families Reveals Mutations Unreported in Latin American Population. Cancers, 2019, 11, 1246.	1.7	9
83	MicroRNA-204/CREB5 axis regulates vasculogenic mimicry in breast cancer cells. Cancer Biomarkers, 2022, 35, 47-56.	0.8	9
84	Phytochemical Composition and Biological Activities of Dyssodia tagetiflora <scp>Lag</scp>.. Chemistry and Biodiversity, 2018, 15, e1700415.	1.0	8
85	Advancing clinical research globally: Cervical cancer research network from Mexico. Gynecologic Oncology Reports, 2018, 25, 90-93.	0.3	8
86	Tumor histology is an independent prognostic factor in locally advanced cervical carcinoma: A retrospective study. BMC Cancer, 2022, 22, 401.	1.1	7
87	Genes Involved in the Transcriptional Regulation of Pluripotency Are Expressed in Malignant Tumors of the Uterine Cervix and Can Induce Tumorigenic Capacity in a Nontumorigenic Cell Line. Stem Cells International, 2019, 2019, 1-14.	1.2	6
88	Editorial: Repurposed Drugs Targeting Cancer Signaling Pathways: Clinical Insights to Improve Oncologic Therapies. Frontiers in Oncology, 2021, 11, 713040.	1.3	6
89	Sodium-coupled monocarboxylate transporter is a target of epigenetic repression in cervical cancer. International Journal of Oncology, 2019, 54, 1613-1624.	1.4	5
90	Cell Survival Is Regulated via SOX9/BCL2L1 Axis in HCT-116 Colorectal Cancer Cell Line. Journal of Oncology, 2020, 2020, 1-10.	0.6	5

#	Article	IF	Citations
91	Dysregulation of miR-381-3p and miR-23b-3p in skeletal muscle could be a possible estimator of early post-mortem interval in rats. PeerJ, 2021, 9, e11102.	0.9	5
92	A microRNA panel that regulates proinflammatory cytokines as diagnostic and prognosis biomarkers in colon cancer. Biochemistry and Biophysics Reports, 2022, 30, 101252.	0.7	5
93	PAX8 is transcribed aberrantly in cervical tumors and derived cell lines due to complex gene rearrangements. International Journal of Oncology, 2016, 49, 371-380.	1.4	4
94	SFRP1 increases TMPRSS2-ERG expression promoting neoplastic features in prostate cancer in vitro and in vivo. Cancer Cell International, 2020, 20, 312.	1.8	4
95	microRNA Profile Associated with Positive Lymph Node Metastasis in Early-Stage Cervical Cancer. Current Oncology, 2022, 29, 243-254.	0.9	4
96	Three-Dimensional Genome Organization in Breast and Gynecological Cancers: How Chromatin Folding Influences Tumorigenic Transcriptional Programs. Cells, 2022, 11, 75.	1.8	4
97	HypoxaMIRs: Key Regulators of Hallmarks of Colorectal Cancer. Cells, 2022, 11, 1895.	1.8	4
98	Functional Roles of microRNAs in Cancer: microRNomes and oncomiRs Connection. , 2013, , .		3
99	Cervicouterine cancer screening â€“ TruScreenâ„¢ vs. conventional cytology: Pilot study. Journal of Cytology, 2018, 35, 143.	0.2	3
100	Histology as Prognostic Factor in Early-Stage Cervical Carcinoma. Experience in a Third-Level Institution. Revista De Investigacion Clinica, 2017, 69, 286-292.	0.2	3
101	Epigenetic therapy with hydralazine and valproate associated to cisplatin chemoradiation in FIGO stage IIIB. A phase II study. BMC Cancer, 2007, 7, A28.	1.1	2
102	Selective Silencing of Gene Target Expression By siRNA Expression Plasmids in Human Cervical Cancer Cells. Methods in Molecular Biology, 2015, 1249, 153-171.	0.4	2
103	Biomarkers in Lung Cancer: Integration with Radiogenomics Data. , 2013, , .		1
104	Transcriptome Studies Reveal Altered Signaling Pathways in Cervical Cancer. , 2017, , 57-70.		1
105	Editorial: Repurposed Drugs Targeting Cancer Signaling Pathways: Dissecting New Mechanism of Action Through In Vitro and In Vivo Analyses. Frontiers in Oncology, 2021, 11, 773429.	1.3	1
106	Editorial: Tumor Cell Metabolism and Autophagy as Therapeutic Targets. Frontiers in Oncology, 2020, 10, 573343.	1.3	1
107	Gene Promoter-Methylation Signature as Biomarker to Predict Cisplatin-Radiotherapy Sensitivity in Locally Advanced Cervical Cancer. Frontiers in Oncology, 2022, 12, 773438.	1.3	1
108	155â€...Tumor histology as prognostic in locally advanced cervical cancer. , 2019, , .		0

#	Article	IF	Citations
109	172â€...Gastric-type endocervical adenocarcinoma (GAS): a comparative analysis. , 2019, , .		0
110	Two New Adenosine Derivatives and their Antiproliferative Properties, an In Vitro Evaluation. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	0.9	0
111	Abstract A1: MicroRNAs expression profile associated with radioresistance in lung cancer. Clinical Cancer Research, 2012, 18, A1-A1.	3.2	0
112	Extraintestinal helminth infection reduces the development of colitisâ€associated colorectal cancer (LB518). FASEB Journal, 2014, 28, LB518.	0.2	0
113	Macrophage migration inhibitory factor has a role controlling colorectal cancer (LB491). FASEB Journal, 2014, 28, LB491.	0.2	0
114	Abstract 4748: Revealing the molecular portrait of triple negative breast tumors from an understudied population through omics analysis of formalin-fixed and paraffin-embedded tissues. , 2015, , .		0
115	Tumor Histology Is an Independent Prognostic Factor in Locally Advanced Cervical Carcinoma. SSRN Electronic Journal, 0, , .	0.4	0
116	Factors Associated to Parametrial Involvement in Endometrial Carcinoma in Patients Treated with Radical Hysterectomy. SSRN Electronic Journal, 0, , .	0.4	0