

Carlos Perez-Plasencia

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,635
citations

136950

32
h-index

149698

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. <i>Cancer Treatment Reviews</i> , 2008, 34, 206-222.	7.7	314
2	A phase II study of epigenetic therapy with hydralazine and magnesium valproate to overcome chemotherapy resistance in refractory solid tumors. <i>Annals of Oncology</i> , 2007, 18, 1529-1538.	1.2	206
3	Crosstalk Between Long Non-coding RNAs, Micro-RNAs and mRNAs: Deciphering Molecular Mechanisms of Master Regulators in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 669.	2.8	184
4	Cancer-initiating cells derived from established cervical cell lines exhibit stem-cell markers and increased radioresistance. <i>BMC Cancer</i> , 2012, 12, 48.	2.6	168
5	A Proof-Of-Principle Study of Epigenetic Therapy Added to Neoadjuvant Doxorubicin Cyclophosphamide for Locally Advanced Breast Cancer. <i>PLoS ONE</i> , 2006, 1, e98.	2.5	126
6	Protein Kinases and Transcription Factors Activation in Response to UV-Radiation of Skin: Implications for Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2012, 13, 142-172.	4.1	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. <i>Molecular Cancer</i> , 2005, 4, 22.	19.2	115
8	Antineoplastic effects of the DNA methylation inhibitor hydralazine and the histone deacetylase inhibitor valproic acid in cancer cell lines. <i>Cancer Cell International</i> , 2006, 6, 2.	4.1	111
9	Significant clinical impact of recurrent <i>BRCA1</i> and <i>BRCA2</i> mutations in Mexico. <i>Cancer</i> , 2015, 121, 372-378.	4.1	78
10	Strategies for the evaluation of DNA damage and repair mechanisms in cancer. <i>Oncology Letters</i> , 2017, 13, 3982-3988.	1.8	76
11	Microarray comparative genomic hybridization detection of chromosomal imbalances in uterine cervix carcinoma. <i>BMC Cancer</i> , 2005, 5, 77.	2.6	74
12	Targeted treatments for cervical cancer: a review. <i>OncoTargets and Therapy</i> , 2012, 5, 315.	2.0	73
13	Relevance of miR-21 in regulation of tumor suppressor gene PTEN in human cervical cancer cells. <i>BMC Cancer</i> , 2016, 16, 215.	2.6	64
14	Second hit in cervical carcinogenesis process: involvement of wnt/beta catenin pathway. <i>International Archive of Medicine</i> , 2008, 1, 10.	1.2	63
15	Dual targeting of ANGPT1 and TGFBR2 genes by miR-204 controls angiogenesis in breast cancer. <i>Scientific Reports</i> , 2016, 6, 34504.	3.3	63
16	Medicinal plants used in Mexican traditional medicine for the treatment of colorectal cancer. <i>Journal of Ethnopharmacology</i> , 2016, 179, 391-402.	4.1	62
17	Methylation Landscape of Human Breast Cancer Cells in Response to Dietary Compound Resveratrol. <i>PLoS ONE</i> , 2016, 11, e0157866.	2.5	57
18	MicroRNAs in Cervical Cancer: Evidences for a miRNA Profile Deregulated by HPV and Its Impact on Radio-Resistance. <i>Molecules</i> , 2014, 19, 6263-6281.	3.8	55

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19	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.	3.3	54
20	MetastamiRs: Non-Coding MicroRNAs Driving Cancer Invasion and Metastasis. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1347-1379.	4.1	53
21	Genome wide expression analysis in HPV16 Cervical Cancer: identification of altered metabolic pathways. <i>Infectious Agents and Cancer</i> , 2007, 2, 16.	2.6	52
22	MicroRNAs are involved in cervical cancer development, progression, clinical outcome and improvement treatment response (Review). <i>Oncology Reports</i> , 2016, 35, 3-12.	2.6	50
23	A microRNA expression signature for clinical response in locally advanced cervical cancer. <i>Gynecologic Oncology</i> , 2016, 142, 557-565.	1.4	49
24	Lack of STAT6 Attenuates Inflammation and Drives Protection against Early Steps of Colitis-Associated Colon Cancer. <i>Cancer Immunology Research</i> , 2017, 5, 385-396.	3.4	47
25	microRNA-18b is upregulated in breast cancer and modulates genes involved in cell migration. <i>Oncology Reports</i> , 2013, 30, 2399-2410.	2.6	46
26	Cancer Stem Cells and Its Role in Angiogenesis and Vasculogenic Mimicry in Gastrointestinal Cancers. <i>Frontiers in Oncology</i> , 2020, 10, 413.	2.8	46
27	Long Non-Coding RNAs as New Master Regulators of Resistance to Systemic Treatments in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2711.	4.1	43
28	Selective Acetogenins and Their Potential as Anticancer Agents. <i>Frontiers in Pharmacology</i> , 2019, 10, 783.	3.5	43
29	Micro-RNAs as Potential Predictors of Response to Breast Cancer Systemic Therapy: Future Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1182.	4.1	39
30	Cell migration and proliferation are regulated by miR-26a in colorectal cancer via the PTEN- β -AKT axis. <i>Cancer Cell International</i> , 2019, 19, 80.	4.1	38
31	Full-Exon Pyrosequencing Screening of BRCA Germline Mutations in Mexican Women with Inherited Breast and Ovarian Cancer. <i>PLoS ONE</i> , 2012, 7, e37432.	2.5	37
32	Cooperative multi-targeting of signaling networks by angiomiR-204 inhibits vasculogenic mimicry in breast cancer cells. <i>Cancer Letters</i> , 2018, 432, 17-27.	7.2	33
33	p21 Activated kinase 1: Nuclear activity and its role during DNA damage repair. <i>DNA Repair</i> , 2018, 65, 42-46.	2.8	32
34	Interplay Between Autophagy and Wnt/ β -Catenin Signaling in Cancer: Therapeutic Potential Through Drug Repositioning. <i>Frontiers in Oncology</i> , 2020, 10, 1037.	2.8	31
35	A subgroup of HOX Abd-B gene is differentially expressed in cervical cancer. <i>International Journal of Gynecological Cancer</i> , 2006, 16, 1289-1296.	2.5	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. <i>Journal of Cancer</i> , 2018, 9, 239-249.	2.5	30

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37	Can the state of cancer chemotherapy resistance be reverted by epigenetic therapy?. <i>Molecular Cancer</i> , 2006, 5, 27.	19.2	27
38	Helminth-derived molecules inhibit colitis-associated colon cancer development through NF- κ B and STAT3 regulation. <i>International Journal of Cancer</i> , 2019, 145, 3126-3139.	5.1	27
39	Targeting Metabolic Remodeling in Triple Negative Breast Cancer in a Murine Model. <i>Journal of Cancer</i> , 2017, 8, 178-189.	2.5	26
40	Extraintestinal Helminth Infection Reduces the Development of Colitis-Associated Tumorigenesis. <i>International Journal of Biological Sciences</i> , 2014, 10, 948-956.	6.4	25
41	Gene expression profiles induced by E6 from non-European HPV18 variants reveals a differential activation on cellular processes driving to carcinogenesis. <i>Virology</i> , 2012, 432, 81-90.	2.4	23
42	MIR-26a downregulates retinoblastoma in colorectal cancer. <i>Tumor Biology</i> , 2017, 39, 101042831769594.	1.8	23
43	MicroRNA-125 modulates radioresistance through targeting p21 in cervical cancer. <i>Oncology Reports</i> , 2018, 39, 1532-1540.	2.6	23
44	Transcriptional changes induced by epigenetic therapy with hydralazine and magnesium valproate in cervical carcinoma. <i>Oncology Reports</i> , 2011, 25, 399-407.	2.6	22
45	Comprehensive transcriptome analysis identifies pathways with therapeutic potential in locally advanced cervical cancer. <i>Gynecologic Oncology</i> , 2016, 143, 406-413.	1.4	22
46	Gene signature based on degradome-related genes can predict distal metastasis in cervical cancer patients. <i>Tumor Biology</i> , 2017, 39, 101042831771189.	1.8	22
47	Use of STAT6 Phosphorylation Inhibitor and Trimethylglycine as New Adjuvant Therapies for 5-Fluorouracil in Colitis-Associated Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2130.	4.1	22
48	Deficiency in STAT1 Signaling Predisposes Gut Inflammation and Prompts Colorectal Cancer Development. <i>Cancers</i> , 2018, 10, 341.	3.7	21
49	<i>Entamoeba histolytica</i> Up-Regulates MicroRNA-643 to Promote Apoptosis by Targeting XIAP in Human Epithelial Colon Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 437.	3.9	20
50	Identification of miRNA Master Regulators in Breast Cancer. <i>Cells</i> , 2020, 9, 1610.	4.1	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. <i>PLoS ONE</i> , 2015, 10, e0126762.	2.5	18
52	Utility of MicroRNAs and siRNAs in Cervical Carcinogenesis. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	18
53	Anti-inflammatory and Antitumor Activity of a Triple Therapy for a Colitis-Related Colorectal Cancer. <i>Journal of Cancer</i> , 2016, 7, 1632-1644.	2.5	18
54	DNA methylation data for identification of epigenetic targets of resveratrol in triple negative breast cancer cells. <i>Data in Brief</i> , 2017, 11, 169-182.	1.0	18

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55	Combination of Metformin, Sodium Oxamate and Doxorubicin Induces Apoptosis and Autophagy in Colorectal Cancer Cells via Downregulation HIF-1 α . <i>Frontiers in Oncology</i> , 2021, 11, 594200.	2.8	18
56	mRNA Decay Proteins Are Targeted to poly(A) ⁺ RNA and dsRNA-Containing Cytoplasmic Foci That Resemble P-Bodies in <i>Entamoeba histolytica</i> . <i>PLoS ONE</i> , 2012, 7, e45966.	2.5	17
57	Metaplastic breast cancer: a comparison between the most common histologies with poor immunohistochemistry factors. <i>BMC Cancer</i> , 2015, 15, 75.	2.6	17
58	Transregulation of microRNA miR-21 promoter by AP-1 transcription factor in cervical cancer cells. <i>Cancer Cell International</i> , 2019, 19, 214.	4.1	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. <i>Mediators of Inflammation</i> , 2019, 2019, 1-16.	3.0	17
60	Clinical evidence of the relationship between aspirin and breast cancer risk (Review). <i>Oncology Reports</i> , 2014, 32, 451-461.	2.6	16
61	Is lymphadenectomy necessary in mucinous ovarian cancer? A single institution experience. <i>International Journal of Surgery</i> , 2017, 41, 1-5.	2.7	16
62	miRNA profile obtained by next-generation sequencing in metastatic breast cancer patients is able to predict the response to systemic treatments. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1267-1280.	4.0	16
63	Inhibition of Wnt- β -Catenin Signaling by ICRT14 Drug Depends of Post-Transcriptional Regulation by HOTAIR in Human Cervical Cancer HeLa Cells. <i>Frontiers in Oncology</i> , 2021, 11, 729228.	2.8	16
64	Characterization of the global profile of genes expressed in cervical epithelium by Serial Analysis of Gene Expression (SAGE). <i>BMC Genomics</i> , 2005, 6, 130.	2.8	15
65	miR-145-5p is associated with pathological complete response to neoadjuvant chemotherapy and impairs cell proliferation by targeting TGF β 2 in breast cancer. <i>Oncology Reports</i> , 2019, 41, 3527-3534.	2.6	15
66	Negative Regulation of ULK1 by microRNA-106a in Autophagy Induced by a Triple Drug Combination in Colorectal Cancer Cells In Vitro. <i>Genes</i> , 2021, 12, 245.	2.4	15
67	Reduced PAK1 activity sensitizes FA/BRCA-proficient breast cancer cells to PARP inhibition. <i>Oncotarget</i> , 2016, 7, 76590-76603.	1.8	14
68	Changes in retinoblastoma gene expression during cervical cancer progression. <i>International Journal of Experimental Pathology</i> , 2003, 83, 275-286.	1.3	13
69	Transcriptomic Profiling of Adipose Tissue in Obese Women in Response to Acupuncture Catgut Embedding Therapy with Moxibustion. <i>Journal of Alternative and Complementary Medicine</i> , 2016, 22, 658-668.	2.1	13
70	BRCA mutations: is everything said?. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 49-54.	2.5	12
71	High prevalence of human papillomavirus and European variants of HPV 16 infecting concomitantly to cervix and oral cavity in HIV positive women. <i>PLoS ONE</i> , 2020, 15, e0227900.	2.5	12
72	Transcript Profiling Distinguishes Complete Treatment Responders With Locally Advanced Cervical Cancer. <i>Translational Oncology</i> , 2015, 8, 77-84.	3.7	11

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73	MicroRNA-143 is Associated With Pathological Complete Response and Regulates Multiple Signaling Proteins in Breast Cancer. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381982730.	1.9	11
74	Alternative splicing regulation in tumor necrosis factor- α mediated inflammation (Review). <i>Oncology Letters</i> , 2017, 14, 5114-5120.	1.8	10
75	Negative Regulation of Serine Threonine Kinase 11 (STK11) through miR-100 in Head and Neck Cancer. <i>Genes</i> , 2020, 11, 1058.	2.4	10
76	Aberrant Metabolism as Inductor of Epigenetic Changes in Breast Cancer: Therapeutic Opportunities. <i>Frontiers in Oncology</i> , 2021, 11, 676562.	2.8	10
77	Non-Coding RNAs Associated With Radioresistance in Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 752270.	2.8	10
78	Molecular Differences between Squamous Cell Carcinoma and Adenocarcinoma Cervical Cancer Subtypes: Potential Prognostic Biomarkers. <i>Current Oncology</i> , 2022, 29, 4689-4702.	2.2	10
79	Uterine sarcomas: Review of 26 years at The Instituto Nacional de Cancerologia of Mexico. <i>International Journal of Surgery</i> , 2013, 11, 518-523.	2.7	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. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	2.2	9
81	Intratype variants of the E2 protein from human papillomavirus type 18 induce different gene expression profiles associated with apoptosis and cell proliferation. <i>Archives of Virology</i> , 2019, 164, 1815-1827.	2.1	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. <i>Cancers</i> , 2019, 11, 1246.	3.7	9
83	MicroRNA-204/CREB5 axis regulates vasculogenic mimicry in breast cancer cells. <i>Cancer Biomarkers</i> , 2022, 35, 47-56.	1.7	9
84	Phytochemical Composition and Biological Activities of <i>Dyssodia tagetiflora</i> .. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700415.	2.1	8
85	Advancing clinical research globally: Cervical cancer research network from Mexico. <i>Gynecologic Oncology Reports</i> , 2018, 25, 90-93.	0.6	8
86	Tumor histology is an independent prognostic factor in locally advanced cervical carcinoma: A retrospective study. <i>BMC Cancer</i> , 2022, 22, 401.	2.6	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. <i>Stem Cells International</i> , 2019, 2019, 1-14.	2.5	6
88	Editorial: Repurposed Drugs Targeting Cancer Signaling Pathways: Clinical Insights to Improve Oncologic Therapies. <i>Frontiers in Oncology</i> , 2021, 11, 713040.	2.8	6
89	Sodium-coupled monocarboxylate transporter is a target of epigenetic repression in cervical cancer. <i>International Journal of Oncology</i> , 2019, 54, 1613-1624.	3.3	5
90	Cell Survival Is Regulated via SOX9/BCL2L1 Axis in HCT-116 Colorectal Cancer Cell Line. <i>Journal of Oncology</i> , 2020, 2020, 1-10.	1.3	5

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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.	2.0	5
92	A microRNA panel that regulates proinflammatory cytokines as diagnostic and prognosis biomarkers in colon cancer. Biochemistry and Biophysics Reports, 2022, 30, 101252.	1.3	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.	3.3	4
94	SFRP1 increases TMPRSS2-ERG expression promoting neoplastic features in prostate cancer in vitro and in vivo. Cancer Cell International, 2020, 20, 312.	4.1	4
95	microRNA Profile Associated with Positive Lymph Node Metastasis in Early-Stage Cervical Cancer. Current Oncology, 2022, 29, 243-254.	2.2	4
96	Three-Dimensional Genome Organization in Breast and Gynecological Cancers: How Chromatin Folding Influences Tumorigenic Transcriptional Programs. Cells, 2022, 11, 75.	4.1	4
97	HypoxaMIRs: Key Regulators of Hallmarks of Colorectal Cancer. Cells, 2022, 11, 1895.	4.1	4
98	Functional Roles of microRNAs in Cancer: microRNomes and oncomiRs Connection. , 2013, , .		3
99	Cervicouterine cancer screening " TruScreen" vs. conventional cytology: Pilot study. Journal of Cytology, 2018, 35, 143.	0.6	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.	0.4	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.	2.6	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.	0.9	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.	2.8	1
106	Editorial: Tumor Cell Metabolism and Autophagy as Therapeutic Targets. Frontiers in Oncology, 2020, 10, 573343.	2.8	1
107	Gene Promoter-Methylation Signature as Biomarker to Predict Cisplatin-Radiotherapy Sensitivity in Locally Advanced Cervical Cancer. Frontiers in Oncology, 2022, 12, 773438.	2.8	1
108	155...Tumor histology as prognostic in locally advanced cervical cancer. , 2019, , .		0

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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, .	1.7	0
111	Abstract A1: MicroRNAs expression profile associated with radioresistance in lung cancer. Clinical Cancer Research, 2012, 18, A1-A1.	7.0	0
112	Extraintestinal helminth infection reduces the development of colitisâ€¦associated colorectal cancer (LB518). FASEB Journal, 2014, 28, LB518.	0.5	0
113	Macrophage migration inhibitory factor has a role controlling colorectal cancer (LB491). FASEB Journal, 2014, 28, LB491.	0.5	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