

Miguel Abal Posada

List of Publications by Year in Descending Order

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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.

78
papers

3,346
citations

32
h-index

56
g-index

82
ext. papers

3,906
ext. citations

5.9
avg, IF

4.54
L-index

#	Paper	IF	Citations
78	Haemodynamic-dependent arrest of circulating tumour cells at large blood vessel bifurcations as new model for metastasis. <i>Scientific Reports</i> , 2021 , 11, 23231	4.9	1
77	M-TRAP: Safety and performance of metastatic tumor cell trap device in advanced ovarian cancer patients. <i>Gynecologic Oncology</i> , 2021 , 161, 681-686	4.9	
76	Dissecting Breast Cancer Circulating Tumor Cells Competence via Modelling Metastasis in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
75	Modeling ANXA2-overexpressing circulating tumor cells homing and high throughput screening for metastasis impairment in endometrial carcinomas. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111744	7.5	1
74	Circulating Extracellular Vesicles in Gynecological Tumors: Realities and Challenges. <i>Frontiers in Oncology</i> , 2020 , 10, 565666	5.3	1
73	Biomimetic device and foreign body reaction cooperate for efficient tumour cell capture in murine advanced ovarian cancer. <i>DMM Disease Models and Mechanisms</i> , 2020 , 13,	4.1	2
72	Global Gene Expression Characterization of Circulating Tumor Cells in Metastatic Castration-Resistant Prostate Cancer Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
71	Genomic Profiling of Uterine Aspirates and cfDNA as an Integrative Liquid Biopsy Strategy in Endometrial Cancer. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
70	Endometrial Tumour Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1296, 215-225	3.25	0
69	Monitoring treatment response in metastatic colorectal cancer: Economic evaluation of PrediCTC versus computed tomography scan. <i>Global & Regional Health Technology Assessment</i> , 2019 , 2019, 22842403	0.3	1985833
68	Extracellular Vesicles-Based Biomarkers Represent a Promising Liquid Biopsy in Endometrial Cancer. <i>Cancers</i> , 2019 , 11,	6.6	16
67	Proteomic Characterization of Epithelial-Like Extracellular Vesicles in Advanced Endometrial Cancer. <i>Journal of Proteome Research</i> , 2019 , 18, 1043-1053	5.6	12
66	The Tumor Suppressor SASH1 Interacts With the Signal Adaptor CRKL to Inhibit Epithelial-Mesenchymal Transition and Metastasis in Colorectal Cancer. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 7, 33-53	7.9	18
65	Determination of hemodynamic risk for vascular disease in planar artery bifurcations. <i>Scientific Reports</i> , 2018 , 8, 2795	4.9	10
64	PrediCTC, liquid biopsy in precision oncology: a technology transfer experience in the Spanish health system. <i>Clinical and Translational Oncology</i> , 2018 , 20, 630-638	3.6	3
63	Improving zebrafish embryo xenotransplantation conditions by increasing incubation temperature and establishing a proliferation index with ZFtool. <i>BMC Cancer</i> , 2018 , 18, 3	4.8	28
62	Liquid Biopsy in Endometrial Cancer: New Opportunities for Personalized Oncology. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	46

61	ALCAM shedding at the invasive front of the tumor is a marker of myometrial infiltration and promotes invasion in endometrioid endometrial cancer. <i>Oncotarget</i> , 2018 , 9, 16648-16664	3.3	8
60	Endometrial Carcinoma: Specific Targeted Pathways. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 943, 149-207	3.6	37
59	Liver Metastasis Is Facilitated by the Adherence of Circulating Tumor Cells to Vascular Fibronectin Deposits. <i>Cancer Research</i> , 2017 , 77, 3431-3441	10.1	46
58	Chromatin remodelling and DNA repair genes are frequently mutated in endometrioid endometrial carcinoma. <i>International Journal of Cancer</i> , 2017 , 140, 1551-1563	7.5	21
57	Genetic analysis of uterine aspirates improves the diagnostic value and captures the intra-tumor heterogeneity of endometrial cancers. <i>Modern Pathology</i> , 2017 , 30, 134-145	9.8	21
56	Activated leukocyte cell adhesion molecule (ALCAM) is a marker of recurrence and promotes cell migration, invasion, and metastasis in early-stage endometrioid endometrial cancer. <i>Journal of Pathology</i> , 2017 , 241, 475-487	9.4	31
55	Predicting Outcome and Therapy Response in mCRC Patients Using an Indirect Method for CTCs Detection by a Multigene Expression Panel: A Multicentric Prospective Validation Study. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
54	Improving circulating tumor cells enumeration and characterization to predict outcome in first line chemotherapy mCRPC patients. <i>Oncotarget</i> , 2017 , 8, 54708-54721	3.3	16
53	Selective interaction of PEGylated polyglutamic acid nanocapsules with cancer cells in a 3D model of a metastatic lymph node. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 51	9.4	11
52	ESMO-ESGO-ESTRO Consensus Conference on Endometrial Cancer: diagnosis, treatment and follow-up. <i>Annals of Oncology</i> , 2016 , 27, 16-41	10.3	497
51	Conjugation of SUMO to p85 leads to a novel mechanism of PI3K regulation. <i>Oncogene</i> , 2016 , 35, 2873-89.2	9.2	14
50	EGFR-Based Immunoisolation as a Recovery Target for Low-EpCAM CTC Subpopulation. <i>PLoS ONE</i> , 2016 , 11, e0163705	3.7	13
49	Molecular Profiling of Circulating Tumour Cells Identifies Notch1 as a Principal Regulator in Advanced Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2016 , 6, 37820	4.9	18
48	M-Trap: Exosome-Based Capture of Tumor Cells as a New Technology in Peritoneal Metastasis. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	57
47	A laser-based technology for fabricating a soda-lime glass based microfluidic device for circulating tumour cell capture. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 363-9	6	20
46	Annexin-A2 as predictor biomarker of recurrent disease in endometrial cancer. <i>International Journal of Cancer</i> , 2015 , 136, 1863-73	7.5	30
45	The Human Umbilical Cord Tissue-Derived MSC Population UCX(□) Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs When Transplanted In Vivo. <i>Cell Transplantation</i> , 2015 , 24, 865-77	4	28
44	Nidogen 1 and Nuclear Protein 1: novel targets of ETV5 transcription factor involved in endometrial cancer invasion. <i>Clinical and Experimental Metastasis</i> , 2015 , 32, 467-78	4.7	36

43	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. <i>ELife</i> , 2015 , 4, e07091	8.9	78
42	A multimarker panel for circulating tumor cells detection predicts patient outcome and therapy response in metastatic colorectal cancer. <i>International Journal of Cancer</i> , 2014 , 135, 2633-43	7.5	50
41	ETV5 transcription program links BDNF and promotion of EMT at invasive front of endometrial carcinomas. <i>Carcinogenesis</i> , 2014 , 35, 2679-86	4.6	20
40	Molecular profiling of circulating tumor cells links plasticity to the metastatic process in endometrial cancer. <i>Molecular Cancer</i> , 2014 , 13, 223	42.1	72
39	Biosensors for the detection of circulating tumour cells. <i>Sensors</i> , 2014 , 14, 4856-75	3.8	34
38	Evaluation of Circulating Tumor Cells and Related Events as Prognostic Factors and Surrogate Biomarkers in Advanced NSCLC Patients Receiving First-Line Systemic Treatment. <i>Cancers</i> , 2014 , 6, 153-65	6.6	84
37	Endometrial carcinoma: molecular alterations involved in tumor development and progression. <i>Oncogene</i> , 2013 , 32, 403-13	9.2	126
36	Molecular diagnosis of endometrial cancer from uterine aspirates. <i>International Journal of Cancer</i> , 2013 , 133, 2383-91	7.5	9
35	Molecular bases of endometrial cancer: new roles for new actors in the diagnosis and the therapy of the disease. <i>Molecular and Cellular Endocrinology</i> , 2012 , 358, 244-55	4.4	44
34	ETV5 transcription factor is overexpressed in ovarian cancer and regulates cell adhesion in ovarian cancer cells. <i>International Journal of Cancer</i> , 2012 , 130, 1532-43	7.5	41
33	Generation and characterization of orthotopic murine models for endometrial cancer. <i>Clinical and Experimental Metastasis</i> , 2012 , 29, 217-27	4.7	21
32	ETV5 cooperates with LPP as a sensor of extracellular signals and promotes EMT in endometrial carcinomas. <i>Oncogene</i> , 2012 , 31, 4778-88	9.2	36
31	A logistic model for the detection of circulating tumour cells in human metastatic colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 2342-9	5.6	21
30	The EMT signaling pathways in endometrial carcinoma. <i>Clinical and Translational Oncology</i> , 2012 , 14, 715-20	3.6	76
29	Molecular characterization of circulating tumor cells in human metastatic colorectal cancer. <i>PLoS ONE</i> , 2012 , 7, e40476	3.7	65
28	Tumor invasion and oxidative stress: biomarkers and therapeutic strategies. <i>Current Molecular Medicine</i> , 2012 , 12, 746-62	2.5	5
27	A three-gene panel on urine increases PSA specificity in the detection of prostate cancer. <i>Prostate</i> , 2011 , 71, 1736-45	4.2	37
26	Molecular markers of endometrial carcinoma detected in uterine aspirates. <i>International Journal of Cancer</i> , 2011 , 129, 2435-44	7.5	78

25	High-risk endometrial carcinoma profiling identifies TGF- β as a key factor in the initiation of tumor invasion. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1357-66	6.1	32
24	A transcriptional signature associated with the onset of benign prostate hyperplasia in a canine model. <i>Prostate</i> , 2010 , 70, 1402-12	4.2	6
23	PSGR and PCA3 as biomarkers for the detection of prostate cancer in urine. <i>Prostate</i> , 2010 , 70, 1760-7	4.2	47
22	Proteomic approach to ETV5 during endometrial carcinoma invasion reveals a link to oxidative stress. <i>Carcinogenesis</i> , 2009 , 30, 1288-97	4.6	43
21	An orthotopic endometrial cancer mouse model demonstrates a role for RUNX1 in distant metastasis. <i>International Journal of Cancer</i> , 2009 , 125, 257-63	7.5	38
20	Subtractive proteomic approach to the endometrial carcinoma invasion front. <i>Journal of Proteome Research</i> , 2009 , 8, 4676-84	5.6	19
19	Novel molecular profiles of endometrial cancer-new light through old windows. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 108, 221-9	5.1	156
18	APC inactivation associates with abnormal mitosis completion and concomitant BUB1B/MAD2L1 up-regulation. <i>Gastroenterology</i> , 2007 , 132, 2448-58	13.3	33
17	Expression of androgen, oestrogen alpha and beta, and progesterone receptors in the canine prostate: differences between normal, inflamed, hyperplastic and neoplastic glands. <i>Journal of Comparative Pathology</i> , 2007 , 136, 1-8	1	23
16	Molecular determinants of invasion in endometrial cancer. <i>Clinical and Translational Oncology</i> , 2007 , 9, 272-7	3.6	31
15	ERM/ETV5 up-regulation plays a role during myometrial infiltration through matrix metalloproteinase-2 activation in endometrial cancer. <i>Cancer Research</i> , 2007 , 67, 6753-9	10.1	47
14	Heterogeneous metastasis efficiency of isogenic orthotopic colon cancer xenografts reveals distinctive gene expression profiles. <i>Tumor Biology</i> , 2007 , 28, 139-50	2.9	3
13	Ultrastructural changes in prostate cells during hormone-induced canine prostatic hyperplasia. <i>Ultrastructural Pathology</i> , 2006 , 30, 435-42	1.3	5
12	APC and oncogenic KRAS are synergistic in enhancing Wnt signaling in intestinal tumor formation and progression. <i>Gastroenterology</i> , 2006 , 131, 1096-109	13.3	226
11	The up-regulation profiles of p21WAF1/CIP1 and RUNX1/AML1 correlate with myometrial infiltration in endometrioid endometrial carcinoma. <i>Human Pathology</i> , 2006 , 37, 1050-7	3.7	17
10	Non-apoptotic concentrations of prodigiosin (H ⁺ /Cl ⁻ symporter) inhibit the acidification of lysosomes and induce cell cycle blockage in colon cancer cells. <i>Life Sciences</i> , 2005 , 78, 121-7	6.8	28
9	Centrioles resist forces applied on centrosomes during G2/M transition. <i>Biology of the Cell</i> , 2005 , 97, 425-34	3.5	45
8	Up-regulation of ERM/ETV5 correlates with the degree of myometrial infiltration in endometrioid endometrial carcinoma. <i>Journal of Pathology</i> , 2005 , 207, 422-9	9.4	32

7	A differential gene expression profile reveals overexpression of RUNX1/AML1 in invasive endometrioid carcinoma. <i>Cancer Research</i> , 2004 , 64, 8846-53	10.1	65
6	Enhanced sensitivity to irinotecan by Cdk1 inhibition in the p53-deficient HT29 human colon cancer cell line. <i>Oncogene</i> , 2004 , 23, 1737-44	9.2	39
5	Taxanes: microtubule and centrosome targets, and cell cycle dependent mechanisms of action. <i>Current Cancer Drug Targets</i> , 2003 , 3, 193-203	2.8	263
4	Microtubule release from the centrosome in migrating cells. <i>Journal of Cell Biology</i> , 2002 , 159, 731-7	7.3	105
3	Centrosome and spindle pole microtubules are main targets of a fluorescent taxoid inducing cell death. <i>Cytoskeleton</i> , 2001 , 49, 1-15		34
2	Effect of 2UOH acetylation on the bioactivity and conformation of 7-O-[N-(4Ufluoresceincarbonyl)-L-alanyl]taxol. A NMR-fluorescence microscopy study. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 1857-63	3.4	27
1	Presence of epsilon-adenosine tetraphosphate in chromaffin granules after transport of epsilon-ATP. <i>FEBS Letters</i> , 1996 , 391, 195-8	3.8	13