

Miguel Abal Posada

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

4,420
citations

109321

35
h-index

106344

65
g-index

82
all docs

82
docs citations

82
times ranked

7276
citing authors

#	ARTICLE	IF	CITATIONS
1	Intratumor genetic heterogeneity and clonal evolution to decode endometrial cancer progression. <i>Oncogene</i> , 2022, 41, 1835-1850.	5.9	9
2	Liquid Biopsy for Monitoring EC Patients: Towards Personalized Treatment. <i>Cancers</i> , 2022, 14, 1405.	3.7	3
3	M-TRAP: Safety and performance of metastatic tumor cell trap device in advanced ovarian cancer patients. <i>Gynecologic Oncology</i> , 2021, 161, 681-686.	1.4	5
4	Dissecting Breast Cancer Circulating Tumor Cells Competence via Modelling Metastasis in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9279.	4.1	14
5	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.	5.6	2
6	Haemodynamic-dependent arrest of circulating tumour cells at large blood vessel bifurcations as new model for metastasis. <i>Scientific Reports</i> , 2021, 11, 23231.	3.3	8
7	Circulating Extracellular Vesicles in Gynecological Tumors: Realities and Challenges. <i>Frontiers in Oncology</i> , 2020, 10, 565666.	2.8	8
8	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, .	2.4	2
9	Global Gene Expression Characterization of Circulating Tumor Cells in Metastatic Castration-Resistant Prostate Cancer Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2066.	2.4	7
10	Genomic Profiling of Uterine Aspirates and cfDNA as an Integrative Liquid Biopsy Strategy in Endometrial Cancer. <i>Journal of Clinical Medicine</i> , 2020, 9, 585.	2.4	23
11	Endometrial Tumour Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 215-225.	1.6	4
12	Monitoring treatment response in metastatic colorectal cancer: Economic evaluation of PrediCTC versus computed tomography scan. <i>Global & Regional Health Technology Assessment</i> , 2019, 2019, 228424031985833.	0.1	1
13	Extracellular Vesicles-Based Biomarkers Represent a Promising Liquid Biopsy in Endometrial Cancer. <i>Cancers</i> , 2019, 11, 2000.	3.7	30
14	Proteomic Characterization of Epithelial-Like Extracellular Vesicles in Advanced Endometrial Cancer. <i>Journal of Proteome Research</i> , 2019, 18, 1043-1053.	3.7	16
15	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.	4.5	33
16	Determination of hemodynamic risk for vascular disease in planar artery bifurcations. <i>Scientific Reports</i> , 2018, 8, 2795.	3.3	17
17	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.	2.4	3
18	Improving zebrafish embryo xenotransplantation conditions by increasing incubation temperature and establishing a proliferation index with ZFtool. <i>BMC Cancer</i> , 2018, 18, 3.	2.6	44

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19	Liquid Biopsy in Endometrial Cancer: New Opportunities for Personalized Oncology. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2311.	4.1	70
20	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.	1.8	11
21	Endometrial Carcinoma: Specific Targeted Pathways. <i>Advances in Experimental Medicine and Biology</i> , 2017, 943, 149-207.	1.6	53
22	Liver Metastasis Is Facilitated by the Adherence of Circulating Tumor Cells to Vascular Fibronectin Deposits. <i>Cancer Research</i> , 2017, 77, 3431-3441.	0.9	60
23	Chromatin remodelling and DNA repair genes are frequently mutated in endometrioid endometrial carcinoma. <i>International Journal of Cancer</i> , 2017, 140, 1551-1563.	5.1	30
24	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.	5.5	36
25	Activated leukocyte cell adhesion molecule (<scp>ALCAM</scp>) 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.	4.5	42
26	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, 1265.	4.1	11
27	Improving circulating tumor cells enumeration and characterization to predict outcome in first line chemotherapy mCRPC patients. <i>Oncotarget</i> , 2017, 8, 54708-54721.	1.8	22
28	Characterizing the contribution of inflammasome-derived exosomes in the activation of the immune response. <i>Annals of Translational Medicine</i> , 2017, 5, 172-172.	1.7	7
29	EGFR-Based Immunoisolation as a Recovery Target for Low-EpCAM CTC Subpopulation. <i>PLoS ONE</i> , 2016, 11, e0163705.	2.5	16
30	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.	3.3	22
31	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.	9.1	13
32	ESMO-ESGO-ESTRO Consensus Conference on Endometrial Cancer: diagnosis, treatment and follow-up. <i>Annals of Oncology</i> , 2016, 27, 16-41.	1.2	862
33	Conjugation of SUMO to p85 leads to a novel mechanism of PI3K regulation. <i>Oncogene</i> , 2016, 35, 2873-2880.	5.9	21
34	Annexin A2 as predictor biomarker of recurrent disease in endometrial cancer. <i>International Journal of Cancer</i> , 2015, 136, 1863-1873.	5.1	39
35	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, 865-877.	2.5	36
36	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, 467-478.	3.3	40

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37	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, djv184.	6.3	69
38	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, 363-369.	5.0	26
39	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. <i>ELife</i> , 2015, 4, e07091.	6.0	104
40	Molecular profiling of circulating tumor cells links plasticity to the metastatic process in endometrial cancer. <i>Molecular Cancer</i> , 2014, 13, 223.	19.2	88
41	Biosensors for the Detection of Circulating Tumour Cells. <i>Sensors</i> , 2014, 14, 4856-4875.	3.8	41
42	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, 153-165.	3.7	95
43	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, 2633-2643.	5.1	55
44	ETV5 transcription program links BDNF and promotion of EMT at invasive front of endometrial carcinomas. <i>Carcinogenesis</i> , 2014, 35, 2679-2686.	2.8	30
45	Endometrial carcinoma: molecular alterations involved in tumor development and progression. <i>Oncogene</i> , 2013, 32, 403-413.	5.9	148
46	Molecular diagnosis of endometrial cancer from uterine aspirates. <i>International Journal of Cancer</i> , 2013, 133, 2383-2391.	5.1	15
47	Tumor Invasion and Oxidative Stress: Biomarkers and Therapeutic Strategies. <i>Current Molecular Medicine</i> , 2012, 12, 746-762.	1.3	6
48	ETV5 cooperates with LPP as a sensor of extracellular signals and promotes EMT in endometrial carcinomas. <i>Oncogene</i> , 2012, 31, 4778-4788.	5.9	45
49	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, 2342-2349.	3.6	21
50	The EMT signaling pathways in endometrial carcinoma. <i>Clinical and Translational Oncology</i> , 2012, 14, 715-720.	2.4	95
51	Molecular Characterization of Circulating Tumor Cells in Human Metastatic Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e40476.	2.5	77
52	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, 244-255.	3.2	54
53	ETV5 transcription factor is overexpressed in ovarian cancer and regulates cell adhesion in ovarian cancer cells. <i>International Journal of Cancer</i> , 2012, 130, 1532-1543.	5.1	50
54	Generation and characterization of orthotopic murine models for endometrial cancer. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 217-227.	3.3	26

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55	A Threeâ€Gene panel on urine increases PSA specificity in the detection of prostate cancer. <i>Prostate</i> , 2011, 71, 1736-1745.	2.3	43
56	Molecular markers of endometrial carcinoma detected in uterine aspirates. <i>International Journal of Cancer</i> , 2011, 129, 2435-2444.	5.1	105
57	High-Risk Endometrial Carcinoma Profiling Identifies TGF- β 1 as a Key Factor in the Initiation of Tumor Invasion. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1357-1366.	4.1	41
58	A transcriptional signature associated with the onset of benign prostate hyperplasia in a canine model. <i>Prostate</i> , 2010, 70, 1402-1412.	2.3	7
59	PSGR and PCA3 as biomarkers for the detection of prostate cancer in urine. <i>Prostate</i> , 2010, 70, 1760-1767.	2.3	63
60	Proteomic approach to ETV5 during endometrial carcinoma invasion reveals a link to oxidative stress. <i>Carcinogenesis</i> , 2009, 30, 1288-1297.	2.8	50
61	An orthotopic endometrial cancer mouse model demonstrates a role for RUNX1 in distant metastasis. <i>International Journal of Cancer</i> , 2009, 125, 257-263.	5.1	44
62	Subtractive Proteomic Approach to the Endometrial Carcinoma Invasion Front. <i>Journal of Proteome Research</i> , 2009, 8, 4676-4684.	3.7	22
63	Novel molecular profiles of endometrial cancerâ€new light through old windows. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 108, 221-229.	2.5	188
64	ERM/ETV5 Up-regulation Plays a Role during Myometrial Infiltration through Matrix Metalloproteinase-2 Activation in Endometrial Cancer. <i>Cancer Research</i> , 2007, 67, 6753-6759.	0.9	57
65	Heterogeneous Metastasis Efficiency of Isogenic Orthotopic Colon Cancer Xenografts Reveals Distinctive Gene Expression Profiles. <i>Tumor Biology</i> , 2007, 28, 139-150.	1.8	3
66	APC Inactivation Associates With Abnormal Mitosis Completion and Concomitant BUB1B/MAD2L1 Up-Regulation. <i>Gastroenterology</i> , 2007, 132, 2448-2458.	1.3	36
67	Expression of Androgen, Oestrogen β 1 and β 2, 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.	0.4	26
68	Molecular determinants of invasion in endometrial cancer. <i>Clinical and Translational Oncology</i> , 2007, 9, 272-277.	2.4	37
69	Ultrastructural Changes in Prostate Cells During Hormone-induced Canine Prostatic Hyperplasia. <i>Ultrastructural Pathology</i> , 2006, 30, 435-442.	0.9	5
70	APC and Oncogenic KRAS Are Synergistic in Enhancing Wnt Signaling in Intestinal Tumor Formation and Progression. <i>Gastroenterology</i> , 2006, 131, 1096-1109.	1.3	254
71	The up-regulation profiles of p21WAF1/CIP1 and RUNX1/AML1 correlate with myometrial infiltration in endometrioid endometrial carcinomaâ€†. <i>Human Pathology</i> , 2006, 37, 1050-1057.	2.0	22
72	Up-regulation of ERM/ETV5 correlates with the degree of myometrial infiltration in endometrioid endometrial carcinoma. <i>Journal of Pathology</i> , 2005, 207, 422-429.	4.5	34

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73	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, 121-127.	4.3	37
74	Centrioles resist forces applied on centrosomes during G2/M transition. <i>Biology of the Cell</i> , 2005, 97, 425-434.	2.0	55
75	A Differential Gene Expression Profile Reveals Overexpression of RUNX1/AML1 in Invasive Endometrioid Carcinoma. <i>Cancer Research</i> , 2004, 64, 8846-8853.	0.9	74
76	Enhanced sensitivity to irinotecan by Cdk1 inhibition in the p53-deficient HT29 human colon cancer cell line. <i>Oncogene</i> , 2004, 23, 1737-1744.	5.9	43
77	Taxanes: Microtubule and Centrosome Targets, and Cell Cycle Dependent Mechanisms of Action. <i>Current Cancer Drug Targets</i> , 2003, 3, 193-203.	1.6	318
78	Microtubule release from the centrosome in migrating cells. <i>Journal of Cell Biology</i> , 2002, 159, 731-737.	5.2	112
79	Centrosome and spindle pole microtubules are main targets of a fluorescent taxoid inducing cell death. <i>Cytoskeleton</i> , 2001, 49, 1-15.	4.4	37
80	Effect of 2 ^{â€²} -OH acetylation on the bioactivity and conformation of 7-O-[N-(4 ^{â€²} -fluoresceincarbonyl)-L-alanyl]taxol. A NMR-fluorescence microscopy study. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1857-1863.	3.0	27
81	Presence of $\hat{\mu}$ -adenosine tetraphosphate in chromaffin granules after transport of $\hat{\mu}$ -ATP. <i>FEBS Letters</i> , 1996, 391, 195-198.	2.8	15