

David Gallego-Ortega

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,669
citations

147801

31
h-index

197818

49
g-index

65
all docs

65
docs citations

65
times ranked

4860
citing authors

#	ARTICLE	IF	CITATIONS
1	Stromal oncostatin M cytokine promotes breast cancer progression by reprogramming the tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21
2	Disentangling single-cell omics representation with a power spectral density-based feature extraction. <i>Nucleic Acids Research</i> , 2022, 50, 5482-5492.	14.5	4
3	Activation of the viral sensor oligoadenylate synthetase 2 (Oas2) prevents pregnancy-driven mammary cancer metastases. <i>Breast Cancer Research</i> , 2022, 24, 31.	5.0	6
4	Single-cell transcriptomics reveals involution mimicry during the specification of the basal breast cancer subtype. <i>Cell Reports</i> , 2021, 35, 108945.	6.4	38
5	Upconversion Nanoparticle-Assisted Single-Molecule Assay for Detecting Circulating Antigens of Aggressive Prostate Cancer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, , .	1.5	5
6	Mammary Tumor Organoid Culture in Non-Adhesive Alginate for Luminal Mechanics and High-Throughput Drug Screening. <i>Advanced Science</i> , 2021, 8, e2102418.	11.2	35
7	Tumor dissociation of highly viable cell suspensions for single-cell omic analyses in mouse models of breast cancer. <i>STAR Protocols</i> , 2021, 2, 100841.	1.2	10
8	Advancements in 3D Cell Culture Systems for Personalizing Anti-Cancer Therapies. <i>Frontiers in Oncology</i> , 2021, 11, 782766.	2.8	29
9	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote TH2 and inhibit TH17 cell polarization. <i>Nature Immunology</i> , 2021, 22, 1538-1550.	14.5	61
10	MCL-1 antagonism enhances the anti-invasive effects of dasatinib in pancreatic adenocarcinoma. <i>Oncogene</i> , 2020, 39, 1821-1829.	5.9	17
11	ELF5 modulates the estrogen receptor cistrome in breast cancer. <i>PLoS Genetics</i> , 2020, 16, e1008531.	3.5	17
12	Genomic Cytometry and New Modalities for Deep Single-Cell Interrogation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1007-1016.	1.5	2
13	Genomic Cytometry Editorial. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 994-996.	1.5	0
14	Myeloid-Derived Suppressor Cells as a Therapeutic Target for Cancer. <i>Cells</i> , 2020, 9, 561.	4.1	281
15	Cell Lineage Tracing Identifies Hormone-Regulated and Wnt-Responsive Vaginal Epithelial Stem Cells. <i>Cell Reports</i> , 2020, 30, 1463-1477.e7.	6.4	35
16	Capillary-assisted microfluidic biosensing platform captures single cell secretion dynamics in nanoliter compartments. <i>Biosensors and Bioelectronics</i> , 2020, 155, 112113.	10.1	22
17	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
18	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0

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19	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
20	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
21	Droplet-based single cell RNAseq tools: a practical guide. Lab on A Chip, 2019, 19, 1706-1727.	6.0	77
22	Gradient-sized control of tumor spheroids on a single chip. Lab on A Chip, 2019, 19, 4093-4103.	6.0	42
23	Myeloid cell leukemia 1 (MCL-1), an unexpected modulator of protein kinase signaling during invasion. Cell Adhesion and Migration, 2018, 12, 513-523.	2.7	22
24	ROBO2 is a stroma suppressor gene in the pancreas and acts via TGF- β 2 signalling. Nature Communications, 2018, 9, 5083.	12.8	41
25	Single-Cell Transcriptomics in Cancer Immunobiology: The Future of Precision Oncology. Frontiers in Immunology, 2018, 9, 2582.	4.8	47
26	MASTL overexpression promotes chromosome instability and metastasis in breast cancer. Oncogene, 2018, 37, 4518-4533.	5.9	45
27	Static droplet array for culturing single live adherent cells in an isolated chemical microenvironment. Lab on A Chip, 2018, 18, 2156-2166.	6.0	27
28	The innate and adaptive infiltrating immune systems as targets for breast cancer immunotherapy. Endocrine-Related Cancer, 2017, 24, R123-R144.	3.1	64
29	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. Science Translational Medicine, 2017, 9, .	12.4	208
30	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. Cell Reports, 2017, 21, 274-288.	6.4	83
31	Acetylated histone variant H2A.Z is involved in the activation of neo-enhancers in prostate cancer. Nature Communications, 2017, 8, 1346.	12.8	68
32	Andy's Algorithms: new automated digital image analysis pipelines for Fiji. Scientific Reports, 2017, 7, 15717.	3.3	45
33	Clinical relevance of the transcriptional signature regulated by CDC42 in colorectal cancer. Oncotarget, 2017, 8, 26755-26770.	1.8	12
34	A mutation in the viral sensor 2 β -5 β -oligoadenylate synthetase 2 causes failure of lactation. PLoS Genetics, 2017, 13, e1007072.	3.5	21
35	Abstract PR07: A biosensor mouse to predict the dissociation and spread of pancreatic cancer. , 2017, , .		1
36	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. Breast Cancer Research, 2016, 18, 125.	5.0	60

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37	ELF5 isoform expression is tissue-specific and significantly altered in cancer. <i>Breast Cancer Research</i> , 2016, 18, 4.	5.0	37
38	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. <i>Cell Reports</i> , 2016, 14, 152-167.	6.4	54
39	ID4 controls mammary stem cells and marks breast cancers with a stem cell-like phenotype. <i>Nature Communications</i> , 2015, 6, 6548.	12.8	49
40	ELF5 Drives Lung Metastasis in Luminal Breast Cancer through Recruitment of Gr1+ CD11b+ Myeloid-Derived Suppressor Cells. <i>PLoS Biology</i> , 2015, 13, e1002330.	5.6	59
41	The mammary cellular hierarchy and breast cancer. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4301-4324.	5.4	49
42	Functional characterization of cancer-associated Gab1 mutations. <i>Oncogene</i> , 2013, 32, 2696-2702.	5.9	33
43	BCL-2 Hypermethylation Is a Potential Biomarker of Sensitivity to Antimitotic Chemotherapy in Endocrine-Resistant Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1874-1885.	4.1	45
44	Progesterone drives mammary secretory differentiation via RankL-mediated induction of Elf5 in luminal progenitor cells. <i>Development (Cambridge)</i> , 2013, 140, 1397-1401.	2.5	86
45	Involvement of Lyn and the Atypical Kinase Sgk269/PEAK1 in a Basal Breast Cancer Signaling Pathway. <i>Cancer Research</i> , 2013, 73, 1969-1980.	0.9	82
46	ELF5, normal mammary development and the heterogeneous phenotypes of breast cancer. <i>Breast Cancer Management</i> , 2013, 2, 489-498.	0.2	6
47	ELF5 Suppresses Estrogen Sensitivity and Underpins the Acquisition of Antiestrogen Resistance in Luminal Breast Cancer. <i>PLoS Biology</i> , 2012, 10, e1001461.	5.6	74
48	Involvement of human choline kinase alpha and beta in carcinogenesis: A different role in lipid metabolism and biological functions. <i>Advances in Enzyme Regulation</i> , 2011, 51, 183-194.	2.6	51
49	Lineage Specific Methylation of the <i>Elf5</i> Promoter in Mammary Epithelial Cells. <i>Stem Cells</i> , 2011, 29, 1611-1619.	3.2	39
50	Evidence of p38 β and p38 δ involvement in cell transformation processes. <i>Carcinogenesis</i> , 2011, 32, 1093-1099.	2.8	26
51	TWIST1 Overexpression is Associated with Nodal Invasion and Male Sex in Primary Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 78-87.	1.5	68
52	Regulation of Akt(ser473) phosphorylation by Choline kinase in breast carcinoma cells. <i>Molecular Cancer</i> , 2009, 8, 131.	19.2	58
53	Differential Role of Human Choline Kinase $\hat{1}$ and $\hat{2}$ Enzymes in Lipid Metabolism: Implications in Cancer Onset and Treatment. <i>PLoS ONE</i> , 2009, 4, e7819.	2.5	88
54	Choline kinase as a link connecting phospholipid metabolism and cell cycle regulation: Implications in cancer therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1753-1763.	2.8	74

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55	Expression of choline kinase alpha to predict outcome in patients with early-stage non-small-cell lung cancer: a retrospective study. <i>Lancet Oncology</i> , The, 2007, 8, 889-897.	10.7	140
56	Generation and characterization of monoclonal antibodies against choline kinase $\hat{\pm}$ and their potential use as diagnostic tools in cancer. <i>International Journal of Oncology</i> , 2006, 29, 335.	3.3	0
57	Generation and characterization of monoclonal antibodies against choline kinase alpha and their potential use as diagnostic tools in cancer. <i>International Journal of Oncology</i> , 2006, 29, 335-40.	3.3	6
58	Choline Kinase Is a Novel Oncogene that Potentiates RhoA-Induced Carcinogenesis. <i>Cancer Research</i> , 2005, 65, 5647-5653.	0.9	77
59	ALTEN: A High Fidelity Primary Tissue Engineering Platform to Assess Cellular Responses Ex Vivo. <i>Advanced Science</i> , 0, , 2103332.	11.2	3