

David Gallego-Ortega

List of Publications by Year in descending order

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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	Myeloid-Derived Suppressor Cells as a Therapeutic Target for Cancer. <i>Cells</i> , 2020, 9, 561.	4.1	281
2	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	208
3	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
4	Differential Role of Human Choline Kinase $\hat{1}\pm$ and $\hat{1}^2$ Enzymes in Lipid Metabolism: Implications in Cancer Onset and Treatment. <i>PLoS ONE</i> , 2009, 4, e7819.	2.5	88
5	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
6	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. <i>Cell Reports</i> , 2017, 21, 274-288.	6.4	83
7	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
8	Choline Kinase Is a Novel Oncogene that Potentiates RhoA-Induced Carcinogenesis. <i>Cancer Research</i> , 2005, 65, 5647-5653.	0.9	77
9	Droplet-based single cell RNAseq tools: a practical guide. <i>Lab on A Chip</i> , 2019, 19, 1706-1727.	6.0	77
10	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
11	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
12	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
13	Acetylated histone variant H2A.Z is involved in the activation of neo-enhancers in prostate cancer. <i>Nature Communications</i> , 2017, 8, 1346.	12.8	68
14	The innate and adaptive infiltrating immune systems as targets for breast cancer immunotherapy. <i>Endocrine-Related Cancer</i> , 2017, 24, R123-R144.	3.1	64
15	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
16	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. <i>Breast Cancer Research</i> , 2016, 18, 125.	5.0	60
17	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
18	Regulation of Akt(ser473) phosphorylation by Choline kinase in breast carcinoma cells. <i>Molecular Cancer</i> , 2009, 8, 131.	19.2	58

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19	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
20	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
21	The mammary cellular hierarchy and breast cancer. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4301-4324.	5.4	49
22	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
23	Single-Cell Transcriptomics in Cancer Immunobiology: The Future of Precision Oncology. <i>Frontiers in Immunology</i> , 2018, 9, 2582.	4.8	47
24	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
25	Andyâ€™s Algorithms: new automated digital image analysis pipelines for Fiji. <i>Scientific Reports</i> , 2017, 7, 15717.	3.3	45
26	MASTL overexpression promotes chromosome instability and metastasis in breast cancer. <i>Oncogene</i> , 2018, 37, 4518-4533.	5.9	45
27	Gradient-sized control of tumor spheroids on a single chip. <i>Lab on A Chip</i> , 2019, 19, 4093-4103.	6.0	42
28	ROBO2 is a stroma suppressor gene in the pancreas and acts via TGF- β signalling. <i>Nature Communications</i> , 2018, 9, 5083.	12.8	41
29	Lineage Specific Methylation of the <i>Elf5</i> Promoter in Mammary Epithelial Cells. <i>Stem Cells</i> , 2011, 29, 1611-1619.	3.2	39
30	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
31	ELF5 isoform expression is tissue-specific and significantly altered in cancer. <i>Breast Cancer Research</i> , 2016, 18, 4.	5.0	37
32	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
33	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
34	Functional characterization of cancer-associated Gab1 mutations. <i>Oncogene</i> , 2013, 32, 2696-2702.	5.9	33
35	Advancements in 3D Cell Culture Systems for Personalizing Anti-Cancer Therapies. <i>Frontiers in Oncology</i> , 2021, 11, 782766.	2.8	29
36	Static droplet array for culturing single live adherent cells in an isolated chemical microenvironment. <i>Lab on A Chip</i> , 2018, 18, 2156-2166.	6.0	27

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37	Evidence of p38 ^β and p38 ^γ involvement in cell transformation processes. <i>Carcinogenesis</i> , 2011, 32, 1093-1099.	2.8	26
38	Myeloid cell leukemia 1 (MCL-1), an unexpected modulator of protein kinase signaling during invasion. <i>Cell Adhesion and Migration</i> , 2018, 12, 513-523.	2.7	22
39	Capillary-assisted microfluidic biosensing platform captures single cell secretion dynamics in nanoliter compartments. <i>Biosensors and Bioelectronics</i> , 2020, 155, 112113.	10.1	22
40	A mutation in the viral sensor 2 ^â ™-5 ^â ™-oligoadenylate synthetase 2 causes failure of lactation. <i>PLoS Genetics</i> , 2017, 13, e1007072.	3.5	21
41	Stromal oncostatin M cytokine promotes breast cancer progression by reprogramming the tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21
42	MCL-1 antagonism enhances the anti-invasive effects of dasatinib in pancreatic adenocarcinoma. <i>Oncogene</i> , 2020, 39, 1821-1829.	5.9	17
43	ELF5 modulates the estrogen receptor cistrome in breast cancer. <i>PLoS Genetics</i> , 2020, 16, e1008531.	3.5	17
44	Clinical relevance of the transcriptional signature regulated by CDC42 in colorectal cancer. <i>Oncotarget</i> , 2017, 8, 26755-26770.	1.8	12
45	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
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	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
48	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
49	Upconversion Nanoparticleâ€assisted Singleâ€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
50	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
51	ALTEN: A Highâ€Fidelity Primary Tissueâ€Engineering Platform to Assess Cellular Responses Ex Vivo. <i>Advanced Science</i> , 0, , 2103332.	11.2	3
52	Genomic Cytometry and New Modalities for Deep Singleâ€Cell Interrogation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1007-1016.	1.5	2
53	Abstract PR07: A biosensor mouse to predict the dissociation and spread of pancreatic cancer. , 2017, , .		1
54	Generation and characterization of monoclonal antibodies against choline kinase Î± and their potential use as diagnostic tools in cancer. <i>International Journal of Oncology</i> , 2006, 29, 335.	3.3	0

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55	Genomic Cytometry Editorial. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 994-996.	1.5	0
56	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
57	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
58	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
59	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0