Fernando Calvo

List of Publications by Citations

36 papers	2,121 citations	22 h-index	40 g-index
40 ext. papers	2,600 ext. citations	8.4 avg, IF	4.6 L-index

#	Paper	IF	Citations
36	Mechanotransduction and YAP-dependent matrix remodelling is required for the generation and maintenance of cancer-associated fibroblasts. *Nature Cell Biology*, **2013**, 15, 637-46	23.4	769
35	Mesenchymal Cancer Cell-Stroma Crosstalk Promotes Niche Activation, Epithelial Reversion, and Metastatic Colonization. *Cell Reports*, **2015**, 13, 2456-2469	10.6	154
34	Distinct utilization of effectors and biological outcomes resulting from site-specific Ras activation: Ras functions in lipid rafts and Golgi complex are dispensable for proliferation and transformation. *Molecular and Cellular Biology*, **2006**, 26, 100-16	4.8	104
33	Tumour cell-derived Wnt7a recruits and activates fibroblasts to promote tumour aggressiveness. *Nature Communications*, **2016**, 7, 10305	17.4	100
32	Genomic and Transcriptomic Determinants of Therapy Resistance and Immune Landscape Evolution during Anti-EGFR Treatment in Colorectal Cancer. *Cancer Cell*, **2019**, 36, 35-50.e9	24.3	94
31	Activation of H-Ras in the endoplasmic reticulum by the RasGRF family guanine nucleotide exchange factors. *Molecular and Cellular Biology*, **2004**, 24, 1516-30	4.8	83
30	ERK1/2 MAP kinases promote cell cycle entry by rapid, kinase-independent disruption of retinoblastoma□amin A complexes. *Journal of Cell Biology*, **2011**, 192, 201-201	7.3	78
29	Cdc42EP3/BORG2 and Septin Network Enables Mechano-transduction and the Emergence of Cancer-Associated Fibroblasts. *Cell Reports*, **2015**, 13, 2699-714	10.6	68
28	RasGRF suppresses Cdc42-mediated tumour cell movement, cytoskeletal dynamics and transformation. *Nature Cell Biology*, **2011**, 13, 819-26	23.4	65
27	ERK1/2 MAP kinases promote cell cycle entry by rapid, kinase-independent disruption of retinoblastoma-lamin A complexes. *Journal of Cell Biology*, **2010**, 191, 967-79	7.3	62
26	Cell communication networks in cancer invasion. *Current Opinion in Cell Biology*, **2011**, 23, 621-9	9	61
25	The Ras-ERK pathway: understanding site-specific signaling provides hope of new anti-tumor therapies. *BioEssays*, **2010**, 32, 412-21	4.1	61
24	Dickkopf-3 links HSF1 and YAP/TAZ signalling to control aggressive behaviours in cancer-associated fibroblasts. *Nature Communications*, **2019**, 10, 130	17.4	61
23	Ras, an actor on many stages: posttranslational modifications, localization, and site-specified events. *Genes and Cancer*, **2011**, 2, 182-94	2.9	42
22	Reactivation of p53 by a Cytoskeletal Sensor to Control the Balance Between DNA Damage and Tumor Dissemination. *Journal of the National Cancer Institute*, **2016**, 108,	9.7	40
21	c-Myc inhibits Ras-mediated differentiation of pheochromocytoma cells by blocking c-Jun up-regulation. *Molecular Cancer Research*, **2008**, 6, 325-39	6.6	28
20	Factors Secreted by Cancer-Associated Fibroblasts that Sustain Cancer Stem Properties in Head and Neck Squamous Carcinoma Cells as Potential Therapeutic Targets. *Cancers*, **2018**, 10,	6.6	28

19	SREBP1 drives Keratin-80-dependent cytoskeletal changes and invasive behavior in endocrine-resistant ER breast cancer. *Nature Communications*, **2019**, 10, 2115	17.4	27
18	The Borg family of Cdc42 effector proteins Cdc42EP1-5. *Biochemical Society Transactions*, **2016**, 44, 1709-1716	5.1	27
17	Cdc42 regulates Cdc42EP3 function in cancer-associated fibroblasts. *Small GTPases*, **2017**, 8, 49-57	2.7	23
16	Transcriptomal profiling of site-specific Ras signals. *Cellular Signalling*, **2007**, 19, 2264-76	4.9	23
15	An Integrated Global Analysis of Compartmentalized HRAS Signaling. *Cell Reports*, **2019**, 26, 3100-3115.e7	10.6	22
14	Lysophosphatidic acid rescues RhoA activation and phosphoinositides levels in astrocytes exposed to ethanol. *Journal of Neurochemistry*, **2007**, 102, 1044-52	6	21
13	CDC42EP5/BORG3 modulates SEPT9 to promote actomyosin function, migration, and invasion. *Journal of Cell Biology*, **2020**, 219,	7.3	14
12	Regulation of mechanotransduction: Emerging roles for septins. *Cytoskeleton*, **2019**, 76, 115-122	2.4	11
11	Structural and spatial determinants regulating TC21 activation by RasGRF family nucleotide exchange factors. *Molecular Biology of the Cell*, **2009**, 20, 4289-302	3.5	11
10	TGF mediated suppression of CD248 in non-cancer cells via canonical Smad-dependent signaling pathways is uncoupled in cancer cells. *BMC Cancer*, **2014**, 14, 113	4.8	9
9	A mouse SWATH-mass spectrometry reference spectral library enables deconvolution of species-specific proteomic alterations in human tumour xenografts. *DMM Disease Models and Mechanisms*, **2020**, 13,	4.1	6
8	Analysis of Breast Cancer Cell Invasion Using an Organotypic Culture System. *Methods in Molecular Biology*, **2017**, 1612, 199-212	1.4	6
7	Tumor microenvironment: unleashing metalloproteinases to induce a CAF phenotype. *Current Biology*, **2014**, 24, R1009-11	6.3	5
6	Ras and Rho GTPases on the move: The RasGRF connection. *Bioarchitecture*, **2011**, 1, 200-204		5
5	Characterisation of HRas local signal transduction networks using engineered site-specific exchange factors. *Small GTPases*, **2020**, 11, 371-383	2.7	5
4	Stromal Oncostatin M cytokine promotes breast cancer progression by reprogramming the tumour microenvironment.. *Journal of Clinical Investigation*, **2022**,	15.9	3
3	Isolation and Immortalization of Fibroblasts from Different Tumoral Stages. *Bio-protocol*, **2014**, 4,	0.9	2
2	A mouse SWATH-MS reference spectral library enables deconvolution of species-specific proteomic alterations in human tumour xenografts		2

1 TGF-Mediated Suppression of CD248 in Non-Cancer Cells via Canonical SMAD-Dependent Signaling Pathways is Uncoupled in Cancer Cells **2014**, 1-26