Victoria Sanz-Moreno

List of Publications by Citations

62 papers	3,713 citations	32 h-index	60 g-index
137 ext. papers	4,574 ext. citations	11.4 avg, IF	5.29 L-index

#	Paper	IF	Citations
62	Rac activation and inactivation control plasticity of tumor cell movement. *Cell*, **2008**, 135, 510-23	56.2	726
61	ROCK and JAK1 signaling cooperate to control actomyosin contractility in tumor cells and stroma. *Cancer Cell*, **2011**, 20, 229-45	24.3	265
60	Epigenetic switch drives the conversion of fibroblasts into proinvasive cancer-associated fibroblasts. *Nature Communications*, **2015**, 6, 10204	17.4	187
59	The plasticity of cytoskeletal dynamics underlying neoplastic cell migration. *Current Opinion in Cell Biology*, **2010**, 22, 690-6	9	179
58	Migrastatics-Anti-metastatic and Anti-invasion Drugs: Promises and Challenges. *Trends in Cancer*, **2017**, 3, 391-406	12.5	161
57	DOCK10-mediated Cdc42 activation is necessary for amoeboid invasion of melanoma cells. *Current Biology*, **2008**, 18, 1456-65	6.3	156
56	The metabolic co-regulator PGC1 suppresses prostate cancer metastasis. *Nature Cell Biology*, **2016**, 18, 645-656	23.4	140
55	Rho GTPases modulate malignant transformation of tumor cells. *Small GTPases*, **2014**, 5, e29019	2.7	111
54	Phosphorylation of p38 by GRK2 at the docking groove unveils a novel mechanism for inactivating p38MAPK. *Current Biology*, **2006**, 16, 2042-7	6.3	110
53	Diverse matrix metalloproteinase functions regulate cancer amoeboid migration. *Nature Communications*, **2014**, 5, 4255	17.4	109
52	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
51	Modes of invasion during tumour dissemination. *Molecular Oncology*, **2017**, 11, 5-27	7.9	97
50	Ras subcellular localization defines extracellular signal-regulated kinase 1 and 2 substrate specificity through distinct utilization of scaffold proteins. *Molecular and Cellular Biology*, **2009**, 29, 1338-53	4.8	92
49	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
48	TGF-induced Transcription Sustains Amoeboid Melanoma Migration and Dissemination. *Current Biology*, **2015**, 25, 2899-914	6.3	71
47	Emerging molecular targets in melanoma invasion and metastasis. *Pigment Cell and Melanoma Research*, **2013**, 26, 39-57	4.5	67
46	Cellular plasticity confers migratory and invasive advantages to a population of glioblastoma-initiating cells that infiltrate peritumoral tissue. *Stem Cells*, **2013**, 31, 1075-85	5.8	67

45	RasGRF suppresses Cdc42-mediated tumour cell movement, cytoskeletal dynamics and transformation. *Nature Cell Biology*, **2011**, 13, 819-26	23.4	65
44	Regional Activation of Myosin II in Cancer Cells Drives Tumor Progression via a Secretory Cross-Talk with the Immune Microenvironment. *Cell*, **2019**, 176, 757-774.e23	56.2	64
43	TGF□induced transcription in cancer. *Seminars in Cancer Biology*, **2017**, 42, 60-69	12.7	62
42	Actomyosin contractility and collective migration: may the force be with you. *Current Opinion in Cell Biology*, **2017**, 48, 87-96	9	56
41	The metastasis gene NEDD9 product acts through integrin □ and Src to promote mesenchymal motility and inhibit amoeboid motility. *Journal of Cell Science*, **2012**, 125, 1814-26	5.3	51
40	Anti-Folate Receptor-□IgE but not IgG Recruits Macrophages to Attack Tumors via TNF□MCP-1 Signaling. *Cancer Research*, **2017**, 77, 1127-1141	10.1	45
39	The NADPH oxidase NOX4 represses epithelial to amoeboid transition and efficient tumour dissemination. *Oncogene*, **2017**, 36, 3002-3014	9.2	45
38	Macrophages are exploited from an innate wound healing response to facilitate cancer metastasis. *Nature Communications*, **2018**, 9, 2951	17.4	44
37	Mxi2 promotes stimulus-independent ERK nuclear translocation. *EMBO Journal*, **2007**, 26, 635-46	13	44
36	p38alpha isoform Mxi2 binds to extracellular signal-regulated kinase 1 and 2 mitogen-activated protein kinase and regulates its nuclear activity by sustaining its phosphorylation levels. *Molecular and Cellular Biology*, **2003**, 23, 3079-90	4.8	43
35	Rho, ROCK and actomyosin contractility in metastasis as drug targets. *F1000Research*, **2016**, 5,	3.6	41
34	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
33	Rho-GTPase signaling drives melanoma cell plasticity. *Cell Cycle*, **2009**, 8, 1484-7	4.7	39
32	Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. *Cancer Cell*, **2020**, 37, 85-103.e9	24.3	37
31	IgG subclass switching and clonal expansion in cutaneous melanoma and normal skin. *Scientific Reports*, **2016**, 6, 29736	4.9	34
30	ODZ1 allows glioblastoma to sustain invasiveness through a Myc-dependent transcriptional upregulation of RhoA. *Oncogene*, **2017**, 36, 1733-1744	9.2	28
29	WNT11-FZD7-DAAM1 signalling supports tumour initiating abilities and melanoma amoeboid invasion. *Nature Communications*, **2020**, 11, 5315	17.4	22
28	PGC1□Suppresses Prostate Cancer Cell Invasion through ERR□Transcriptional Control. *Cancer Research*, **2019**, 79, 6153-6165	10.1	21

27	An open data ecosystem for cell migration research. *Trends in Cell Biology*, **2015**, 25, 55-8	18.3	21
26	Cancer Burden Is Controlled by Mural Cell-β-Integrin Regulated Crosstalk with Tumor Cells. *Cell*, **2020**, 181, 1346-1363.e21	56.2	20
25	Migrastatics: Redirecting R&D in Solid Cancer Towards Metastasis?. *Trends in Cancer*, **2019**, 5, 755-756	12.5	15
24	Downregulation of Epidermal Growth Factor Receptor in hepatocellular carcinoma facilitates Transforming Growth Factor-β-induced epithelial to amoeboid transition. *Cancer Letters*, **2019**, 464, 15-24	9.9	14
23	Tumour invasion: a new twist on Rac-driven mesenchymal migration. *Current Biology*, **2012**, 22, R449-51	6.3	14
22	CDC42EP5/BORG3 modulates SEPT9 to promote actomyosin function, migration, and invasion. *Journal of Cell Biology*, **2020**, 219,	7.3	14
21	T-type calcium channels drive migration/invasion in BRAFV600E melanoma cells through Snail1. *Pigment Cell and Melanoma Research*, **2018**, 31, 484-495	4.5	13
20	Immunohistochemical Expression of Cortactin and Focal Adhesion Kinase Predicts Recurrence Risk and Laryngeal Cancer Risk Beyond Histologic Grading. *Cancer Epidemiology Biomarkers and Prevention*, **2018**, 27, 805-813	4	11
19	The amoeboid state as part of the epithelial-to-mesenchymal transition programme. *Trends in Cell Biology*, **2021**,	18.3	11
18	First-in-Human Study of AT13148, a Dual ROCK-AKT Inhibitor in Patients with Solid Tumors. *Clinical Cancer Research*, **2020**, 26, 4777-4784	12.9	10
17	Rho GTPase signaling in cancer progression and dissemination. *Physiological Reviews*, **2022**, 102, 455-510	47.9	8
16	Recent advances in tissue imaging for cancer research. *F1000Research*, **2019**, 8,	3.6	7
15	PAK4 Kinase Activity Plays a Crucial Role in the Podosome Ring of Myeloid Cells. *Cell Reports*, **2019**, 29, 3385-3393.e6	10.6	7
14	Ras and Rho GTPases on the move: The RasGRF connection. *Bioarchitecture*, **2011**, 1, 200-204		5
13	A preclinical pipeline to evaluate migrastatics as therapeutic agents in metastatic melanoma. *British Journal of Cancer*, **2021**, 125, 699-713	8.7	4
12	Reactive oxygen species and tumor dissemination: Allies no longer. *Molecular and Cellular Oncology* , **2016**, 3, e1127313	1.2	4
11	Kallikrein-Related Peptidase 6 Is Associated with the Tumour Microenvironment of Pancreatic Ductal Adenocarcinoma. *Cancers*, **2021**, 13,	6.6	4
10	What does not kill you makes you stronger: surviving anti-cancer therapies by cytoskeletal remodeling and Myosin II reactivation. *Molecular and Cellular Oncology*, **2020**, 7, 1735911	1.2	3

List of Publications

9	Analysis of Invasive Activity of CAF Spheroids into Three Dimensional (3D) Collagen Matrices. *Methods in Molecular Biology*, **2018**, 1731, 145-154	1.4	3
8	UBASH3B-mediated silencing of the mitotic checkpoint: Therapeutic perspectives in cancer. *Molecular and Cellular Oncology*, **2018**, 5, e1271494	1.2	3
7	Mets and NETs: The Awakening Force. *Immunity*, **2018**, 49, 798-800	32.3	3
6	Repurposing an anti-cancer agent for the treatment of hypertrophic heart disease. *Journal of Pathology*, **2019**, 249, 523-535	9.4	2
5	Podoplanin drives dedifferentiation and amoeboid invasion of melanoma		2
4	Podoplanin drives dedifferentiation and amoeboid invasion of melanoma. *IScience*, **2021**, 24, 102976	6.1	1
3	p38 mitogen-activated protein kinases: their role in carcinogenesis **2003**, 5, 320-330		
2	3D spheroid invasion drug screen platform for pancreatic ductal adenocarcinoma.. *Journal of Clinical Oncology*, **2018**, 36, e24212-e24212	2.2	
1	Beta7 Integrins Regulate Podia Formation in Multiple Myeloma (MM) Cells for the Interaction with the Cellular and Non-Cellular Bone Marrow (BM) Stroma. *Blood*, **2012**, 120, 3979-3979	2.2	