Pilar SÃ¡nchez-GÃ³mez

List of Publications by Year
in descending order

83 papers	6,560 citations	147566 31 h-index	64668 79 g-index
88 all docs	88 docs citations	88 times ranked	8353 citing authors

#	Article	IF	Citations
1	Blood-Brain Barrier Disruption: A Common Driver of Central Nervous System Diseases. Neuroscientist, 2022, 28, 222-237.	2.6	13
2	IDP-410: a Novel Therapeutic Peptide that Alters N-MYC Stability and Reduces Angiogenesis and Tumor Progression in Glioblastomas. Neurotherapeutics, 2022, 19, 408-420.	2.1	2
3	Identification of VEGFR2 as the Histatin-1 receptor in endothelial cells. Biochemical Pharmacology, 2022, 201, 115079.	2.0	3
4	The Netrin-1-Neogenin-1 signaling axis controls neuroblastoma cell migration via integrin-Î²1 and focal adhesion kinase activation. Cell Adhesion and Migration, 2021, 15, 58-73.	1.1	10
5	Histatinâ€1 is a novel osteogenic factor that promotes bone cell adhesion, migration, and differentiation. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 336-346.	1.3	10
6	Tumor-Derived Pericytes Driven by EGFR Mutations Govern the Vascular and Immune Microenvironment of Gliomas. Cancer Research, 2021, 81, 2142-2156.	0.4	20
7	TMPRSS11a is a novel ageâ€altered, tissue specific regulator of migration and wound healing. FASEB Journal, 2021, 35, e21597.	0.2	7
8	Netrin-1 in Glioblastoma Neovascularization: The New Partner in Crime?. International Journal of Molecular Sciences, 2021, 22, 8248.	1.8	12
9	The Embryonic Key Pluripotent Factor NANOG Mediates Glioblastoma Cell Migration via the SDF1/CXCR4 Pathway. International Journal of Molecular Sciences, 2021, 22, 10620.	1.8	7
10	Universal scaling laws rule explosive growth in human cancers. Nature Physics, 2020, 16, 1232-1237.	6.5	50
11	Immune Profiling of Gliomas Reveals a Connection with IDH1/2 Mutations, Tau Function and the Vascular Phenotype. Cancers, 2020, 12, 3230.	1.7	16
12	The RabGEF ALS2 is a hypoxia inducible target associated with the acquisition of aggressive traits in tumor cells. Scientific Reports, 2020, 10, 22302.	1.6	3
13	Newcastle Disease Virus (NDV) Oncolytic Activity in Human Glioma Tumors Is Dependent on CDKN2A-Type I IFN Gene Cluster Codeletion. Cells, 2020, 9, 1405.	1.8	20
14	Cellular Plasticity and Tumor Microenvironment in Gliomas: The Struggle to Hit a Moving Target. Cancers, 2020, 12, 1622.	1.7	29
15	The non-receptor tyrosine phosphatase type 14 blocks caveolin-1-enhanced cancer cell metastasis. Oncogene, 2020, 39, 3693-3709.	2.6	18
16	Wnt/Î²-Catenin Signaling in Oral Carcinogenesis. International Journal of Molecular Sciences, 2020, 21, 4682.	1.8	31
17	The IDH-TAU-EGFR triad defines the neovascular landscape of diffuse gliomas. Science Translational Medicine, 2020, 12, .	5.8	46
18	Nuclear accumulation of Î²â€catenin is associated with endosomal sequestration of the destruction complex and increased activation of Rab5 in oral dysplasia. FASEB Journal, 2020, 34, 4009-4025.	0.2	7

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19	The EGFR-TMEM167A-p53 Axis Defines the Aggressiveness of Gliomas. Cancers, 2020, 12, 208.	1.7	12
20	Midkine signaling maintains the self-renewal and tumorigenic capacity of glioma initiating cells. Theranostics, 2020, 10, 5120-5136.	4.6	26
21	Role of glycosylation in hypoxia-driven cell migration and invasion. Cell Adhesion and Migration, 2019, 13, 13-22.	1.1	21
22	Focal adhesion kinaseâ€“dependent activation of the early endocytic protein Rab5 is associated with cell migration. Journal of Biological Chemistry, 2019, 294, 12836-12845.	1.6	13
23	NFATc3 controls tumour growth by regulating proliferation and migration of human astroglioma cells. Scientific Reports, 2019, 9, 9361.	1.6	16
24	Ocoxin Modulates Cancer Stem Cells and M2 Macrophage Polarization in Glioblastoma. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	16
25	Novel Functions of the Neurodegenerative-Related Gene Tau in Cancer. Frontiers in Aging Neuroscience, 2019, 11, 231.	1.7	40
26	Histatinâ€1 counteracts the cytotoxic and antimigratory effects of zoledronic acid in endothelial and osteoblastâ€like cells. Journal of Periodontology, 2019, 90, 766-774.	1.7	14
27	Nuclear localization of Î²-catenin and expression of target genes are associated with increased Wnt secretion in oral dysplasia. Oral Oncology, 2019, 94, 58-67.	0.8	17
28	Correlation of radiological and immunochemical parameters with clinical outcome in patients with recurrent glioblastoma treated with Bevacizumab. Clinical and Translational Oncology, 2019, 21, 1413-1423.	1.2	7
29	Chimeric NANOG repressors inhibit glioblastoma growth in vivo in a context-dependent manner. Scientific Reports, 2019, 9, 3891.	1.6	11
30	The Netrin-4/Laminin Î³1/Neogenin-1 complex mediates migration in SK-N-SH neuroblastoma cells. Cell Adhesion and Migration, 2019, 13, 33-40.	1.1	8
31	Structureâ€Optimized Interpolymer Polyphosphazene Complexes for Effective Gene Delivery against Glioblastoma. Advanced Therapeutics, 2019, 2, 1800126.	1.6	11
32	Oncogenic dependence of glioma cells on kish/TMEM167A regulation of vesicular trafficking. Glia, 2019, 67, 404-417.	2.5	21
33	Phase II trial of palbociclib in recurrent RB-positive anaplastic oligodendroglioma: A Spanish group for research in neurooncology (GEINO) trial.. Journal of Clinical Oncology, 2019, 37, 2038-2038.	0.8	2
34	Calpain2 mediates Rab5-driven focal adhesion disassembly and cell migration. Cell Adhesion and Migration, 2018, 12, 185-194.	1.1	11
35	Dacomitinib: an investigational drug for the treatment of glioblastoma. Expert Opinion on Investigational Drugs, 2018, 27, 823-829.	1.9	17
36	Targeting Glioma Initiating Cells with A combined therapy of cannabinoids and temozolomide. Biochemical Pharmacology, 2018, 157, 266-274.	2.0	75

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37	Abstract A18: Netrin-1/Neogenin-1 promotes neuroblastoma cell migration via activation of Integrin Î²1. , 2018, , .		0
38	Glioblastoma on a microfluidic chip: Generating pseudopalisades and enhancing aggressiveness through blood vessel obstruction events. Neuro-Oncology, 2017, 19, now230.	0.6	51
39	The salivary peptide histatinâ€1 promotes endothelial cell adhesion, migration, and angiogenesis. FASEB Journal, 2017, 31, 4946-4958.	0.2	51
40	ODZ1 allows glioblastoma to sustain invasiveness through a Myc-dependent transcriptional upregulation of RhoA. Oncogene, 2017, 36, 1733-1744.	2.6	48
41	High expression of MKP1/DUSP1 counteracts glioma stem cell activity and mediates HDAC inhibitor response. Oncogenesis, 2017, 6, 401.	2.1	22
42	Anti-neoplastic drugs increase caveolin-1-dependent migration, invasion and metastasis of cancer cells. Oncotarget, 2017, 8, 111943-111965.	0.8	15
43	Phase II trial of dacomitinib, a panâ€“human EGFR tyrosine kinase inhibitor, in recurrent glioblastoma patients with EGFR amplification. Neuro-Oncology, 2017, 19, 1522-1531.	0.6	88
44	Targeting EGFR in Glioblastoma: Molecular Biology and Current Understanding. Current Cancer Research, 2017, , 117-141.	0.2	1
45	The Netrin-4/ Neogenin-1 axis promotes neuroblastoma cell survival and migration. Oncotarget, 2017, 8, 9767-9782.	0.8	21
46	Diabetic concentrations of metformin inhibit platelet-mediated ovarian cancer cell progression. Oncotarget, 2017, 8, 20865-20880.	0.8	25
47	Hypoxia promotes Rab5 activation, leading to tumor cell migration, invasion and metastasis. Oncotarget, 2016, 7, 29548-29562.	0.8	43
48	TERT as a prognostic factor for gliomas progression-free survival (PFS). Annals of Oncology, 2016, 27, vi109.	0.6	0
49	Cancer stem cells from human glioblastoma resemble but do not mimic original tumors after in vitro passaging in serum-free media. Oncotarget, 2016, 7, 65888-65901.	0.8	28
50	Applied mathematics and nonlinear sciences in the war on cancer. Applied Mathematics and Nonlinear Sciences, 2016, 1, 423-436.	0.9	30
51	2902 GEINO-11: A prospective multicenter, open label, phase II pilot clinical trial to evaluate safety and efficacy of Dacomitinib, a pan-HER irreversible inhibitor, in patients with recurrent glioblastoma with EGFR amplification or presence of EGFRvIII mutation. European Journal of Cancer, 2015, 51, S585.	1.3	1
52	Preclinical Test of Dacomitinib, an Irreversible EGFR Inhibitor, Confirms Its Effectiveness for Glioblastoma. Molecular Cancer Therapeutics, 2015, 14, 1548-1558.	1.9	61
53	Down-regulation of Rab5 decreases characteristics associated with maintenance of cell transformation. Biochemical and Biophysical Research Communications, 2015, 464, 642-646.	1.0	5
54	DYRK1A: the double-edged kinase as a protagonist in cell growth and tumorigenesis. Molecular and Cellular Oncology, 2015, 2, e970048.	0.3	75

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55	Abstract B04: An in vitro model for glioblastoma using microfluidics: Generating pseudopalisades on a chip. , 2015, , .		3
56	Controlled release microspheres loaded with BMP7 suppress primary tumors from human glioblastoma. Oncotarget, 2015, 6, 10950-10963.	0.8	23
57	Shoc2/Sur8 Protein Regulates Neurite Outgrowth. PLoS ONE, 2014, 9, e114837.	1.1	1
58	Rabâ€™ing tumor cell migration and invasion. Cell Adhesion and Migration, 2014, 8, 84-87.	1.1	5
59	A novel caveolin-1/p85Î±/Rab5/Tiam1/Rac1 signaling axis in tumor cell migration and invasion. Communicative and Integrative Biology, 2014, 7, e972850.	0.6	3
60	EGFR-dependent mechanisms in glioblastoma: towards a better therapeutic strategy. Cellular and Molecular Life Sciences, 2014, 71, 3465-3488.	2.4	55
61	Rab5 is required for Caveolin-1-enhanced Rac1 activation, migration and invasion of metastatic cancer cells. Journal of Cell Science, 2014, 127, 2401-6.	1.2	75
62	793: Effective inhibition of glioblastoma growth with dacomitinib: an irreversible EGFR inhibitor. European Journal of Cancer, 2014, 50, S191.	1.3	2
63	Rab5 activation as a tumor cell migration switch. Small GTPases, 2014, 5, .	0.7	3
64	Inhibition of DYRK1A destabilizes EGFR and reduces EGFR-dependent glioblastoma growth. Journal of Clinical Investigation, 2013, 123, 2475-2487.	3.9	110
65	MicroRNAs as Regulators of Neural Stem Cell-Related Pathways in Glioblastoma Multiforme. Molecular Neurobiology, 2011, 44, 235-249.	1.9	48
66	Abstract 3826: Brevican absence and YKL-40 over-expression are associated to the mesenchymal profile and in vitro 3D-neurosphere growth of human glioma. , 2011, , .		0
67	Regulated Segregation of Kinase Dyrk1A during Asymmetric Neural Stem Cell Division Is Critical for EGFR-Mediated Biased Signaling. Cell Stem Cell, 2010, 7, 367-379.	5.2	71
68	A combined ex/in vivo assay to detect effects of exogenously added factors in neural stem cells. Nature Protocols, 2007, 2, 849-859.	5.5	87
69	HEDGEHOG-GLI1 Signaling Regulates Human Glioma Growth, Cancer Stem Cell Self-Renewal, and Tumorigenicity. Current Biology, 2007, 17, 165-172.	1.8	1,006
70	Pigment epitheliumâ€“derived factor is a niche signal for neural stem cell renewal. Nature Neuroscience, 2006, 9, 331-339.	7.1	427
71	Therapeutic Targeting of the Hedgehog-GLI Pathway in Prostate Cancer. Cancer Research, 2005, 65, 2990-2992.	0.4	82
72	Sonic hedgehog controls stem cell behavior in the postnatal and adult brain. Development (Cambridge), 2005, 132, 335-344.	1.2	539

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73	In vivo inhibition of endogenous brain tumors through systemic interference of Hedgehog signaling in mice. Mechanisms of Development, 2005, 122, 223-230.	1.7	140
74	Inhibition of prostate cancer proliferation by interference with SONIC HEDGEHOG-GLI1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12561-12566.	3.3	477
75	Hedgehogâ€“Gli signaling in brain tumors: stem cells and paradevelopmental programs in cancer. Cancer Letters, 2004, 204, 145-157.	3.2	101
76	Pathways and consequences: Hedgehog signaling in human disease. Trends in Cell Biology, 2002, 12, 562-569.	3.6	129
77	Gli and hedgehog in cancer: tumours, embryos and stem cells. Nature Reviews Cancer, 2002, 2, 361-372.	12.8	703
78	Regulation and role of the atypical pkc isoforms in cell survival during tumor transformation. Advances in Enzyme Regulation, 2001, 41, 99-120.	2.9	12
79	The interaction of p62 with RIP links the atypical PKCs to NF-kappa B activation. EMBO Journal, 1999, 18, 3044-3053.	3.5	348
80	Localization of Atypical Protein Kinase C Isoforms into Lysosome-Targeted Endosomes through Interaction with p62. Molecular and Cellular Biology, 1998, 18, 3069-3080.	1.1	216
81	The Product of par-4, a Gene Induced during Apoptosis, Interacts Selectively with the Atypical Isoforms of Protein Kinase C. Cell, 1996, 86, 777-786.	13.5	363
82	Evidence for a role of MEK and MAPK during signal transduction by protein kinase C zeta.. EMBO Journal, 1995, 14, 6157-6163.	3.5	245
83	Identification of Heterogeneous Ribonucleoprotein A1 as a Novel Substrate for Protein Kinase C Î¶. Journal of Biological Chemistry, 1995, 270, 15884-15891.	1.6	77