Ariel Ruiz i Altaba

List of Publications by Year
in descending order

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46 papers	8,375 citations	117625 34 h-index	243625 44 g-index
47 all docs	47 docs citations	47 times ranked	8162 citing authors

#	Article	IF	Citations
1	On the origin of metastases: Induction of pro-metastatic states after impending cell death via ER stress, reprogramming, and a cytokine storm. Cell Reports, 2022, 38, 110490.	6.4	15
2	Functional Pro-metastatic Heterogeneity Revealed by Spiked-scRNAseq Is Shaped by Cancer Cell Interactions and Restricted by VSIG1. Cell Reports, 2020, 33, 108372.	6.4	7
3	The protein secretion modulator TMED9 drives CNIH4/TGFÎ±/GLI signaling opposing TMED3-WNT-TCF to promote colon cancer metastases. Oncogene, 2019, 38, 5817-5837.	5.9	36
4	Drug repurposing in oncology: Compounds, pathways, phenotypes and computational approaches for colorectal cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1871, 434-454.	7.4	131
5	Chimeric NANOG repressors inhibit glioblastoma growth in vivo in a context-dependent manner. Scientific Reports, 2019, 9, 3891.	3.3	11
6	In vivoepigenetic reprogramming of primary human colon cancer cells enhances metastases. Journal of Molecular Cell Biology, 2016, 8, 157-173.	3.3	25
7	Metastases and Colon Cancer Tumor Growth Display Divergent Responses to Modulation of Canonical WNT Signaling. PLoS ONE, 2016, 11, e0150697.	2.5	11
8	Long-Lasting WNT-TCF Response Blocking and Epigenetic Modifying Activities of Withanolide F in Human Cancer Cells. PLoS ONE, 2016, 11, e0168170.	2.5	21
9	The river blindness drug <scp>I</scp>vermectin and related macrocyclic lactones inhibit <scp>WNT</scp>â€<scp>TCF</scp> pathway responses in human cancer. EMBO Molecular Medicine, 2014, 6, 1263-1278.	6.9	103
10	A novel genomeâ€wide in vivo screen for metastatic suppressors in human colon cancer identifies the positive <scp>WNT</scp>â€<scp>TCF</scp> pathway modulators <scp>TMED</scp>3 and <scp>SOX</scp>12. EMBO Molecular Medicine, 2014, 6, 882-901.	6.9	74
11	Context-dependent signal integration by the GLI code: The oncogenic load, pathways, modifiers and implications for cancer therapy. Seminars in Cell and Developmental Biology, 2014, 33, 93-104.	5.0	135
12	Hedgehog Signaling and the Gli Code in Stem Cells, Cancer, and MetastasesA Presentation from the 1st International HEALING Meeting: Hh-Gli Signaling in Development, Regeneration, and Disease, Kolymbari, Crete, 23 to 25 June 2011.. Science Signaling, 2011, 4, pt9.	3.6	63
13	Small molecule modulation of HH-GLI signaling: Current leads, trials and tribulations. Biochemical Pharmacology, 2010, 80, 712-723.	4.4	82
14	NANOG regulates glioma stem cells and is essential in vivo acting in a cross-functional network with GLI1 and p53. EMBO Journal, 2010, 29, 2659-2674.	7.8	279
15	BMP Signaling Promotes the Growth of Primary Human Colon Carcinomas in vivo. Journal of Molecular Cell Biology, 2010, 2, 318-332.	3.3	38
16	Context-dependent Regulation of the GLI Code in Cancer by HEDGEHOG and Non-HEDGEHOG Signals. Journal of Molecular Cell Biology, 2010, 2, 84-95.	3.3	223
17	Human colon cancer epithelial cells harbour active HEDGEHOGâ€GLI signalling that is essential for tumour growth, recurrence, metastasis and stem cell survival and expansion. EMBO Molecular Medicine, 2009, 1, 338-351.	6.9	430
18	A GLI1-p53 inhibitory loop controls neural stem cell and tumour cell numbers. EMBO Journal, 2009, 28, 663-676.	7.8	210

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19	Regulation of survival in adult hippocampal and glioblastoma stem cell lineages by the homeodomain-only protein HOP. Neural Development, 2008, 3, 13.	2.4	27
20	Melanomas require HEDGEHOG-GLI signaling regulated by interactions between GLI1 and the RAS-MEK/AKT pathways. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5895-5900.	7.1	465
21	HEDGEHOG-GLI1 Signaling Regulates Human Glioma Growth, Cancer Stem Cell Self-Renewal, and Tumorigenicity. Current Biology, 2007, 17, 165-172.	3.9	1,006
22	The Gli code: an information nexus regulating cell fate, stemness and cancer. Trends in Cell Biology, 2007, 17, 438-447.	7.9	363
23	How the Hedgehog Outfoxed the Crab. , 2006, , 1-22.		1
24	Therapeutic Targeting of the Hedgehog-GLI Pathway in Prostate Cancer. Cancer Research, 2005, 65, 2990-2992.	0.9	82
25	Brain as a paradigm of organ growth: Hedgehog-Gli signaling in neural stem cells and brain tumors. Journal of Neurobiology, 2005, 64, 476-490.	3.6	74
26	Cooperative requirement of the Gli proteins in neurogenesis. Development (Cambridge), 2005, 132, 3267-3279.	2.5	58
27	Sonic hedgehog controls stem cell behavior in the postnatal and adult brain. Development (Cambridge), 2005, 132, 335-344.	2.5	539
28	Interference with HHâ€“GLI signaling inhibits prostate cancer. Trends in Molecular Medicine, 2005, 11, 199-203.	6.7	48
29	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
30	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.	7.1	477
31	Hedgehog-GLI signaling regulates the behavior of cells with stem cell properties in the developing neocortex. Development (Cambridge), 2004, 131, 337-345.	2.5	251
32	Hedgehogâ€“Gli signaling in brain tumors: stem cells and paradevelopmental programs in cancer. Cancer Letters, 2004, 204, 145-157.	7.2	101
33	The emergent design of the neural tube: prepattern, SHH morphogen and GLI code. Current Opinion in Genetics and Development, 2003, 13, 513-521.	3.3	124
34	Loss-of-function mutations in the human GLI2 gene are associated with pituitary anomalies and holoprosencephaly-like features. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13424-13429.	7.1	313
35	Pathways and consequences: Hedgehog signaling in human disease. Trends in Cell Biology, 2002, 12, 562-569.	7.9	129
36	Growth, hedgehog and the price of GAS. BioEssays, 2002, 24, 22-26.	2.5	23

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37	The therapeutic potential of modulators of the Hedgehog-Gli signaling pathway. , 2002, 1, 9.		25
38	Gli and hedgehog in cancer: tumours, embryos and stem cells. Nature Reviews Cancer, 2002, 2, 361-372.	28.4	703
39	Hedgehogâ€“GLI signaling and the growth of the brain. Nature Reviews Neuroscience, 2002, 3, 24-33.	10.2	359
40	Embryonic regionalization of the neocortex. Mechanisms of Development, 2001, 107, 3-11.	1.7	15
41	Wnt signals are targets and mediators of Gli function. Current Biology, 2001, 11, 769-773.	3.9	156
42	The Sonic Hedgehog-Gli pathway regulates dorsal brain growth and tumorigenesis. Development (Cambridge), 2001, 128, 5201-5212.	2.5	421
43	The works of GLI and the power of Hedgehog. Nature Cell Biology, 1999, 1, E147-E148.	10.3	44
44	Gli proteins and Hedgehog signaling: development and cancer. Trends in Genetics, 1999, 15, 418-425.	6.7	238
45	Carboxy-terminally truncated Gli3 proteins associate with Smads. Nature Genetics, 1998, 20, 325-326.	21.4	104
46	Catching a Gli-mpse of Hedgehog. Cell, 1997, 90, 193-196.	28.9	195