Ignacio PÃ©rez de Castro

List of Publications by Year
in descending order

54	4,279	126858	168321
papers	citations	33 h-index	53 g-index

58	58	58	5583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic and Epigenetic Silencing of MicroRNA-203 Enhances ABL1 and BCR-ABL1 OncogeneÂExpression. Cancer Cell, 2008, 13, 496-506.	7.7	459
2	PKC Regulates a Farnesyl-Electrostatic Switch on K-Ras that Promotes its Association with Bcl-Xl on Mitochondria and Induces Apoptosis. Molecular Cell, 2006, 21, 481-493.	4.5	421
3	Phospholipase CÎ³ activates Ras on the Golgi apparatus by means of RasGRP1. Nature, 2003, 424, 694-698.	13.7	391
4	Control of cell proliferation pathways by microRNAs. Cell Cycle, 2008, 7, 3143-3148.	1.3	304
5	Psychiatric Comorbidity in Pathological Gamblers Seeking Treatment. American Journal of Psychiatry, 2001, 158, 1733-1735.	4.0	186
6	A census of mitotic cancer genes: new insights into tumor cell biology and cancer therapy. Carcinogenesis, 2006, 28, 899-912.	1.3	185
7	Cellular Response to Oncogenic Ras Involves Induction of the Cdk4 and Cdk6 Inhibitor p15 INK4b. Molecular and Cellular Biology, 2000, 20, 2915-2925.	1.1	160
8	Ras Activation in Jurkat T cells following Low-Grade Stimulation of the T-Cell Receptor Is Specific to N-Ras and Occurs Only on the Golgi Apparatus. Molecular and Cellular Biology, 2004, 24, 3485-3496.	1.1	137
9	Systemic tumor targeting and killing by Sindbis viral vectors. Nature Biotechnology, 2004, 22, 70-77.	9.4	137
10	Targeting Cell Cycle Kinases for Cancer Therapy. Current Medicinal Chemistry, 2007, 14, 969-985.	1.2	124
11	Genetics of pathological gambling. Journal of Gambling Studies, 2003, 19, 11-22.	1.1	94
12	Genetic disruption of aurora B uncovers an essential role for aurora C during early mammalian development. Development (Cambridge), 2011, 138, 2661-2672.	1.2	93
13	Tpx2 Controls Spindle Integrity, Genome Stability, and Tumor Development. Cancer Research, 2012, 72, 1518-1528.	0.4	93
14	Aurora B Overexpression Causes Aneuploidy and p21^{Cip1} Repression during Tumor Development. Molecular and Cellular Biology, 2015, 35, 3566-3578.	1.1	92
15	Pathological gambling and DNA polymorphic markers at MAO-A and MAO-B genes. Molecular Psychiatry, 2000, 5, 105-109.	4.1	82
16	Inactivation of the cyclin-dependent kinase inhibitor p15INK4b by deletion and de novo methylation with independence of p16INK4a alterations in murine primary T-cell lymphomas. Oncogene, 1997, 14, 1361-1370.	2.6	72
17	SUMOylation modulates the function of Aurora-B kinase. Journal of Cell Science, 2010, 123, 2823-2833.	1.2	63
18	Mitotic Stress and Chromosomal Instability in Cancer: The Case for TPX2. Genes and Cancer, 2012, 3, 721-730.	0.6	61

#	Article	IF	Citations
19	Combinatorial effects of microRNAs to suppress the Myc oncogenic pathway. Blood, 2011, 117, 6255-6266.	0.6	60
20	Genetic association study between pathological gambling and a functional DNA polymorphism at the D4 receptor gene. Pharmacogenetics and Genomics, 1997, 7, 445-448.	5.7	57
21	Emerging cancer therapeutic opportunities by inhibiting mitotic kinases. Current Opinion in Pharmacology, 2008, 8, 375-383.	1.7	53
22	Aurora A drives early signalling and vesicle dynamics during T-cell activation. Nature Communications, 2016, 7, 11389.	5.8	53
23	Aurora kinase A inhibitors: promising agents in antitumoral therapy. Expert Opinion on Therapeutic Targets, 2014, 18, 1377-93.	1.5	53
24	A weak association between TH and DRD2 genes and bipolar affective disorder in a Spanish sample.. Journal of Medical Genetics, 1995, 32, 131-134.	1.5	51
25	Hypermethylation of the cell cycle inhibitor p15INK4b 3â€²-untranslated region interferes with its transcriptional regulation in primary lymphomas. Oncogene, 1999, 18, 385-396.	2.6	50
26	Lineage-restricted function of the pluripotency factor NANOG in stratified epithelia. Nature Communications, 2014, 5, 4226.	5.8	45
27	Liver organoids reproduce alpha-1 antitrypsin deficiency-related liver disease. Hepatology International, 2020, 14, 127-137.	1.9	44
28	The N-ras proto-oncogene can suppress the malignant phenotype in the presence or absence of its oncogene. Cancer Research, 2002, 62, 4514-8.	0.4	44
29	Allelic losses on chromosome 4 suggest the existence of a candidate tumor suppressor gene region of about 0.6 cM in gamma-radiation-induced mouse primary thymic lymphomas. Oncogene, 1996, 12, 669-76.	2.6	43
30	Concurrent positive association between pathological gambling and functional DNA polymorphisms at the MAO-A and the 5-HT transporter genes. Molecular Psychiatry, 2002, 7, 927-928.	4.1	40
31	Mice deficient for N-ras: impaired antiviral immune response and T-cell function. Cancer Research, 2003, 63, 1615-22.	0.4	40
32	A new candidate site for a tumor suppressor gene involved in mouse thymic lymphomagenesis is located on the distal part of chromosome 4. Oncogene, 1998, 17, 925-929.	2.6	33
33	Aurora B prevents delayed DNA replication and premature mitotic exit by repressing p21^{Cip1}. Cell Cycle, 2013, 12, 1030-1041.	1.3	33
34	No association between particular DRD3 and DAT gene polymorphisms and manic-depressive illness in a Spanish sample. Psychiatric Genetics, 1996, 6, 209-212.	0.6	30
35	NF1 modulates the effects of ras oncogenes: Evidence of other NF1 function besides its GAP activity. Journal of Cellular Physiology, 2003, 197, 214-224.	2.0	25
36	Cooperative alterations of Rb pathway regulators in mouse primary T cell lymphomas. Carcinogenesis, 1999, 20, 1675-1682.	1.3	21

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37	Requirements for Aurora-A in Tissue Regeneration and Tumor Development in Adult Mammals. Cancer Research, 2013, 73, 6804-6815.	0.4	21
38	Characterization of the murine p19ARF promoter CpG island and its methylation pattern in primary lymphomas. Carcinogenesis, 2000, 21, 817-821.	1.3	17
39	Phosphorylation of Targeting Protein for Xenopus Kinesin-like Protein 2 (TPX2) at Threonine 72 in Spindle Assembly. Journal of Biological Chemistry, 2015, 290, 9122-9134.	1.6	17
40	A SUMOylation motif in Aurora-A: implications for spindle dynamics and oncogenesis. Frontiers in Oncology, 2011, 1, 50.	1.3	16
41	Frequent allelic losses of 9p21 markers and low incidence of mutations at p16(CDKN2) gene in non-Hodgkin lymphomas of B-cell lineage. Cancer Genetics and Cytogenetics, 1997, 98, 63-68.	1.0	15
42	No association between dopamine D4 receptor polymorphism and manic depressive illness.. Journal of Medical Genetics, 1994, 31, 897-898.	1.5	12
43	The EGFR-TMEM167A-p53 Axis Defines the Aggressiveness of Gliomas. Cancers, 2020, 12, 208.	1.7	12
44	The Rgr Oncogene Induces Tumorigenesis in Transgenic Mice. Cancer Research, 2004, 64, 6041-6049.	0.4	11
45	An AC-repeat adjacent to mouse Cdkn2B allows the detection of specific allelic losses in the p15 INK4b and p16 INK4a tumor suppressor genes. Mammalian Genome, 1998, 9, 183-185.	1.0	8
46	Eight new polymorphic microsatellites in mouse gene loci. Cytogenetic and Genome Research, 1995, 71, 223-224.	0.6	6
47	Consequences of Lmna Exon 4 Mutations in Myoblast Function. Cells, 2020, 9, 1286.	1.8	6
48	Familial cosegregation of manic-depressive illness and a form of hereditary cerebellar ataxia. American Journal of Medical Genetics Part A, 1995, 60, 206-209.	2.4	4
49	Mouse p10, an Alternative Spliced Form of p15INK4b, Inhibits Cell Cycle Progression and Malignant Transformation. Cancer Research, 2005, 65, 3249-3256.	0.4	4
50	Editorial: Aurora Kinases: Classical Mitotic Roles, Non-Canonical Functions and Translational Views. Frontiers in Oncology, 2017, 7, 48.	1.3	3
51	p15INK4b plays a crucial role in murine lymphoid development and tumorigenesis. Carcinogenesis, 2012, 33, 708-713.	1.3	1
52	Inhibiting Cell Cycle Kinases in Cancer Therapy. , 2012, , 154-188.		1
53	Instability of the D4Mit12 microsatellite marker in C57BL/6J Ã— BALB/cJ F₁ hybrid mice is independent of the tumor phenotype. Cytogenetic and Genome Research, 1997, 78, 221-223.	0.6	0
54	Genetic disruption of aurora B uncovers an essential role for aurora C during early mammalian development. Journal of Cell Science, 2011, 124, e1-e1.	1.2	0