Ignacio PÃ©rez de Castro

List of Publications by Year
in descending order

54 papers	4,279 citations	126858 33 h-index	168321 53 g-index
58 all docs	58 docs citations	58 times ranked	5583 citing authors

#	Article	IF	Citations
1	Liver organoids reproduce alpha-1 antitrypsin deficiency-related liver disease. Hepatology International, 2020, 14, 127-137.	1.9	44
2	The EGFR-TMEM167A-p53 Axis Defines the Aggressiveness of Gliomas. Cancers, 2020, 12, 208.	1.7	12
3	Consequences of Lmna Exon 4 Mutations in Myoblast Function. Cells, 2020, 9, 1286.	1.8	6
4	Editorial: Aurora Kinases: Classical Mitotic Roles, Non-Canonical Functions and Translational Views. Frontiers in Oncology, 2017, 7, 48.	1.3	3
5	Aurora A drives early signalling and vesicle dynamics during T-cell activation. Nature Communications, 2016, 7, 11389.	5.8	53
6	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
7	Aurora B Overexpression Causes Aneuploidy and p21^{Cip1} Repression during Tumor Development. Molecular and Cellular Biology, 2015, 35, 3566-3578.	1.1	92
8	Lineage-restricted function of the pluripotency factor NANOG in stratified epithelia. Nature Communications, 2014, 5, 4226.	5.8	45
9	Aurora kinase A inhibitors: promising agents in antitumoral therapy. Expert Opinion on Therapeutic Targets, 2014, 18, 1377-93.	1.5	53
10	Requirements for Aurora-A in Tissue Regeneration and Tumor Development in Adult Mammals. Cancer Research, 2013, 73, 6804-6815.	0.4	21
11	Aurora B prevents delayed DNA replication and premature mitotic exit by repressing p21^{Cip1}. Cell Cycle, 2013, 12, 1030-1041.	1.3	33
12	p15INK4b plays a crucial role in murine lymphoid development and tumorigenesis. Carcinogenesis, 2012, 33, 708-713.	1.3	1
13	Mitotic Stress and Chromosomal Instability in Cancer: The Case for TPX2. Genes and Cancer, 2012, 3, 721-730.	0.6	61
14	Tpx2 Controls Spindle Integrity, Genome Stability, and Tumor Development. Cancer Research, 2012, 72, 1518-1528.	0.4	93
15	Inhibiting Cell Cycle Kinases in Cancer Therapy. , 2012, , 154-188.		1
16	A SUMOylation motif in Aurora-A: implications for spindle dynamics and oncogenesis. Frontiers in Oncology, 2011, 1, 50.	1.3	16
17	Combinatorial effects of microRNAs to suppress the Myc oncogenic pathway. Blood, 2011, 117, 6255-6266.	0.6	60
18	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

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19	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
20	SUMOylation modulates the function of Aurora-B kinase. Journal of Cell Science, 2010, 123, 2823-2833.	1.2	63
21	Genetic and Epigenetic Silencing of MicroRNA-203 Enhances ABL1 and BCR-ABL1 OncogeneÂExpression. Cancer Cell, 2008, 13, 496-506.	7.7	459
22	Emerging cancer therapeutic opportunities by inhibiting mitotic kinases. Current Opinion in Pharmacology, 2008, 8, 375-383.	1.7	53
23	Control of cell proliferation pathways by microRNAs. Cell Cycle, 2008, 7, 3143-3148.	1.3	304
24	Targeting Cell Cycle Kinases for Cancer Therapy. Current Medicinal Chemistry, 2007, 14, 969-985.	1.2	124
25	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
26	A census of mitotic cancer genes: new insights into tumor cell biology and cancer therapy. Carcinogenesis, 2006, 28, 899-912.	1.3	185
27	Mouse p10, an Alternative Spliced Form of p15INK4b, Inhibits Cell Cycle Progression and Malignant Transformation. Cancer Research, 2005, 65, 3249-3256.	0.4	4
28	The Rgr Oncogene Induces Tumorigenesis in Transgenic Mice. Cancer Research, 2004, 64, 6041-6049.	0.4	11
29	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
30	Systemic tumor targeting and killing by Sindbis viral vectors. Nature Biotechnology, 2004, 22, 70-77.	9.4	137
31	Genetics of pathological gambling. Journal of Gambling Studies, 2003, 19, 11-22.	1.1	94
32	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
33	Phospholipase CÎ³ activates Ras on the Golgi apparatus by means of RasGRP1. Nature, 2003, 424, 694-698.	13.7	391
34	Mice deficient for N-ras: impaired antiviral immune response and T-cell function. Cancer Research, 2003, 63, 1615-22.	0.4	40
35	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
36	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

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37	Psychiatric Comorbidity in Pathological Gamblers Seeking Treatment. American Journal of Psychiatry, 2001, 158, 1733-1735.	4.0	186
38	Pathological gambling and DNA polymorphic markers at MAO-A and MAO-B genes. Molecular Psychiatry, 2000, 5, 105-109.	4.1	82
39	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
40	Characterization of the murine p19ARF promoter CpG island and its methylation pattern in primary lymphomas. Carcinogenesis, 2000, 21, 817-821.	1.3	17
41	Cooperative alterations of Rb pathway regulators in mouse primary T cell lymphomas. Carcinogenesis, 1999, 20, 1675-1682.	1.3	21
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Eight new polymorphic microsatellites in mouse gene loci. Cytogenetic and Genome Research, 1995, 71, 223-224.	0.6	6
53	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
54	No association between dopamine D4 receptor polymorphism and manic depressive illness.. Journal of Medical Genetics, 1994, 31, 897-898.	1.5	12