

Ignacio PÃ©rez de Castro

List of Publications by Year in descending order

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55
papers

4,279
citations

126907

33
h-index

168389

53
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58
all docs

58
docs citations

58
times ranked

5583
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and Epigenetic Silencing of MicroRNA-203 Enhances ABL1 and BCR-ABL1 Oncogene Expression. <i>Cancer Cell</i> , 2008, 13, 496-506.	16.8	459
2	PKC Regulates a Farnesyl-Electrostatic Switch on K-Ras that Promotes its Association with Bcl-Xl on Mitochondria and Induces Apoptosis. <i>Molecular Cell</i> , 2006, 21, 481-493.	9.7	421
3	Phospholipase C β 3 activates Ras on the Golgi apparatus by means of RasGRP1. <i>Nature</i> , 2003, 424, 694-698.	27.8	391
4	Control of cell proliferation pathways by microRNAs. <i>Cell Cycle</i> , 2008, 7, 3143-3148.	2.6	304
5	Psychiatric Comorbidity in Pathological Gamblers Seeking Treatment. <i>American Journal of Psychiatry</i> , 2001, 158, 1733-1735.	7.2	186
6	A census of mitotic cancer genes: new insights into tumor cell biology and cancer therapy. <i>Carcinogenesis</i> , 2006, 28, 899-912.	2.8	185
7	Cellular Response to Oncogenic Ras Involves Induction of the Cdk4 and Cdk6 Inhibitor p15 INK4b. <i>Molecular and Cellular Biology</i> , 2000, 20, 2915-2925.	2.3	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. <i>Molecular and Cellular Biology</i> , 2004, 24, 3485-3496.	2.3	137
9	Systemic tumor targeting and killing by Sindbis viral vectors. <i>Nature Biotechnology</i> , 2004, 22, 70-77.	17.5	137
10	Targeting Cell Cycle Kinases for Cancer Therapy. <i>Current Medicinal Chemistry</i> , 2007, 14, 969-985.	2.4	124
11	Genetics of pathological gambling. <i>Journal of Gambling Studies</i> , 2003, 19, 11-22.	1.6	94
12	Genetic disruption of aurora B uncovers an essential role for aurora C during early mammalian development. <i>Development (Cambridge)</i> , 2011, 138, 2661-2672.	2.5	93
13	Tpx2 Controls Spindle Integrity, Genome Stability, and Tumor Development. <i>Cancer Research</i> , 2012, 72, 1518-1528.	0.9	93
14	Aurora B Overexpression Causes Aneuploidy and p21 ^{Cip1} Repression during Tumor Development. <i>Molecular and Cellular Biology</i> , 2015, 35, 3566-3578.	2.3	92
15	Psychiatric Comorbidity in Pathological Gamblers Seeking Treatment. <i>American Journal of Psychiatry</i> , 2001, 158, 1733-1735.	7.2	87
16	Pathological gambling and DNA polymorphic markers at MAO-A and MAO-B genes. <i>Molecular Psychiatry</i> , 2000, 5, 105-109.	7.9	82
17	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. <i>Oncogene</i> , 1997, 14, 1361-1370.	5.9	72
18	SUMOylation modulates the function of Aurora-B kinase. <i>Journal of Cell Science</i> , 2010, 123, 2823-2833.	2.0	63

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19	Mitotic Stress and Chromosomal Instability in Cancer: The Case for TPX2. <i>Genes and Cancer</i> , 2012, 3, 721-730.	1.9	61
20	Combinatorial effects of microRNAs to suppress the Myc oncogenic pathway. <i>Blood</i> , 2011, 117, 6255-6266.	1.4	60
21	Genetic association study between pathological gambling and a functional DNA polymorphism at the D4 receptor gene. <i>Pharmacogenetics and Genomics</i> , 1997, 7, 445-448.	5.7	57
22	Emerging cancer therapeutic opportunities by inhibiting mitotic kinases. <i>Current Opinion in Pharmacology</i> , 2008, 8, 375-383.	3.5	53
23	Aurora A drives early signalling and vesicle dynamics during T-cell activation. <i>Nature Communications</i> , 2016, 7, 11389.	12.8	53
24	Aurora kinase A inhibitors: promising agents in antitumoral therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 1377-93.	3.4	53
25	A weak association between TH and DRD2 genes and bipolar affective disorder in a Spanish sample.. <i>Journal of Medical Genetics</i> , 1995, 32, 131-134.	3.2	51
26	Hypermethylation of the cell cycle inhibitor p15INK4b 3' untranslated region interferes with its transcriptional regulation in primary lymphomas. <i>Oncogene</i> , 1999, 18, 385-396.	5.9	50
27	Lineage-restricted function of the pluripotency factor NANOG in stratified epithelia. <i>Nature Communications</i> , 2014, 5, 4226.	12.8	45
28	Liver organoids reproduce alpha-1 antitrypsin deficiency-related liver disease. <i>Hepatology International</i> , 2020, 14, 127-137.	4.2	44
29	The N-ras proto-oncogene can suppress the malignant phenotype in the presence or absence of its oncogene. <i>Cancer Research</i> , 2002, 62, 4514-8.	0.9	44
30	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. <i>Oncogene</i> , 1996, 12, 669-76.	5.9	43
31	Concurrent positive association between pathological gambling and functional DNA polymorphisms at the MAO-A and the 5-HT transporter genes. <i>Molecular Psychiatry</i> , 2002, 7, 927-928.	7.9	40
32	Mice deficient for N-ras: impaired antiviral immune response and T-cell function. <i>Cancer Research</i> , 2003, 63, 1615-22.	0.9	40
33	A new candidate site for a tumor suppressor gene involved in mouse thymic lymphomagenesis is located on the distal part of chromosome 4. <i>Oncogene</i> , 1998, 17, 925-929.	5.9	33
34	Aurora B prevents delayed DNA replication and premature mitotic exit by repressing p21 ^{Cip1} . <i>Cell Cycle</i> , 2013, 12, 1030-1041.	2.6	33
35	No association between particular DRD3 and DAT gene polymorphisms and manic-depressive illness in a Spanish sample. <i>Psychiatric Genetics</i> , 1996, 6, 209-212.	1.1	30
36	NF1 modulates the effects of ras oncogenes: Evidence of other NF1 function besides its GAP activity. <i>Journal of Cellular Physiology</i> , 2003, 197, 214-224.	4.1	25

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37	Cooperative alterations of Rb pathway regulators in mouse primary T cell lymphomas. <i>Carcinogenesis</i> , 1999, 20, 1675-1682.	2.8	21
38	Requirements for Aurora-A in Tissue Regeneration and Tumor Development in Adult Mammals. <i>Cancer Research</i> , 2013, 73, 6804-6815.	0.9	21
39	Characterization of the murine p19ARF promoter CpG island and its methylation pattern in primary lymphomas. <i>Carcinogenesis</i> , 2000, 21, 817-821.	2.8	17
40	Phosphorylation of Targeting Protein for Xenopus Kinesin-like Protein 2 (TPX2) at Threonine 72 in Spindle Assembly. <i>Journal of Biological Chemistry</i> , 2015, 290, 9122-9134.	3.4	17
41	A SUMOylation motif in Aurora-A: implications for spindle dynamics and oncogenesis. <i>Frontiers in Oncology</i> , 2011, 1, 50.	2.8	16
42	Frequent allelic losses of 9p21 markers and low incidence of mutations at p16(CDKN2) gene in non-Hodgkin lymphomas of B-cell lineage. <i>Cancer Genetics and Cytogenetics</i> , 1997, 98, 63-68.	1.0	15
43	No association between dopamine D4 receptor polymorphism and manic depressive illness.. <i>Journal of Medical Genetics</i> , 1994, 31, 897-898.	3.2	12
44	The EGFR-TMEM167A-p53 Axis Defines the Aggressiveness of Gliomas. <i>Cancers</i> , 2020, 12, 208.	3.7	12
45	The Rgr Oncogene Induces Tumorigenesis in Transgenic Mice. <i>Cancer Research</i> , 2004, 64, 6041-6049.	0.9	11
46	An AC-repeat adjacent to mouse Cdkn2B allows the detection of specific allelic losses in the p15 INK4b and p16 INK4a tumor suppressor genes. <i>Mammalian Genome</i> , 1998, 9, 183-185.	2.2	8
47	Eight new polymorphic microsatellites in mouse gene loci. <i>Cytogenetic and Genome Research</i> , 1995, 71, 223-224.	1.1	6
48	Consequences of Lmna Exon 4 Mutations in Myoblast Function. <i>Cells</i> , 2020, 9, 1286.	4.1	6
49	Familial cosegregation of manic-depressive illness and a form of hereditary cerebellar ataxia. <i>American Journal of Medical Genetics Part A</i> , 1995, 60, 206-209.	2.4	4
50	Mouse p10, an Alternative Spliced Form of p15INK4b, Inhibits Cell Cycle Progression and Malignant Transformation. <i>Cancer Research</i> , 2005, 65, 3249-3256.	0.9	4
51	Editorial: Aurora Kinases: Classical Mitotic Roles, Non-Canonical Functions and Translational Views. <i>Frontiers in Oncology</i> , 2017, 7, 48.	2.8	3
52	p15INK4b plays a crucial role in murine lymphoid development and tumorigenesis. <i>Carcinogenesis</i> , 2012, 33, 708-713.	2.8	1
53	Inhibiting Cell Cycle Kinases in Cancer Therapy. , 2012, , 154-188.		1
54	Instability of the D4Mit12 microsatellite marker in C57BL/6J × BALB/c hybrid mice is independent of the tumor phenotype. <i>Cytogenetic and Genome Research</i> , 1997, 78, 221-223.	1.1	0

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55	Genetic disruption of aurora B uncovers an essential role for aurora C during early mammalian development. <i>Journal of Cell Science</i> , 2011, 124, e1-e1.	2.0	0