Xavier Grana

List of Publications by Year
in descending order

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55 papers	2,756 citations	218677 26 h-index	175258 52 g-index
58 all docs	58 docs citations	58 times ranked	3214 citing authors

#	Article	IF	Citations
1	Immortalization of human primary prostate epithelial cells via CRISPR inactivation of the CDKN2A locus and expression of telomerase. Prostate Cancer and Prostatic Diseases, 2021, 24, 233-243.	3.9	8
2	PP2A/B55Î± substrate recruitment as defined by the retinoblastoma-related protein p107. ELife, 2021, 10, .	6.0	19
3	Invadopodia-mediated ECM degradation is enriched in the G1 phase of the cell cycle. Journal of Cell Science, 2019, 132, .	2.0	25
4	PP2A holoenzymes, substrate specificity driving cellular functions and deregulation in cancer. Advances in Cancer Research, 2019, 144, 55-93.	5.0	52
5	PPP2R2A prostate cancer haploinsufficiency is associated with worse prognosis and a high vulnerability to B55Î±/PP2A reconstitution that triggers centrosome destabilization. Oncogenesis, 2019, 8, 72.	4.9	20
6	Targeting CDK9 Reactivates Epigenetically Silenced Genes in Cancer. Cell, 2018, 175, 1244-1258.e26.	28.9	182
7	PP2A: more than a reset switch to activate pRB proteins during the cell cycle and in response to signaling cues. Cell Cycle, 2015, 14, 18-30.	2.6	37
8	CDK9 inhibition strategy defines distinct sets of target genes. BMC Research Notes, 2014, 7, 301.	1.4	21
9	CTIP2 is a negative regulator of P-TEFb. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12655-12660.	7.1	86
10	Activation of p107 by Fibroblast Growth Factor, Which Is Essential for Chondrocyte Cell Cycle Exit, Is Mediated by the Protein Phosphatase 2A/B55Î± Holoenzyme. Molecular and Cellular Biology, 2013, 33, 3330-3342.	2.3	26
11	PP2A Counterbalances Phosphorylation of pRB and Mitotic Proteins by Multiple CDKs: Potential Implications for PP2A Disruption in Cancer. Genes and Cancer, 2012, 3, 739-748.	1.9	23
12	Monographs Editor. Genes and Cancer, 2012, 3, 611-611.	1.9	0
13	PP2A holoenzymes negatively and positively regulate cell cycle progression by dephosphorylating pocket proteins and multiple CDK substrates. Gene, 2012, 499, 1-7.	2.2	43
14	Complex effects of flavopiridol on the expression of primary response genes. Cell Division, 2012, 7, 11.	2.4	21
15	Introduction: Current Themes on Cell Cycle and Cancer. Genes and Cancer, 2012, 3, 612-613.	1.9	0
16	Selective control of gene expression by CDK9 in human cells. Journal of Cellular Physiology, 2010, 222, 200-208.	4.1	45
17	B55Î± PP2A Holoenzymes Modulate the Phosphorylation Status of the Retinoblastoma-related Protein p107 and Its Activation. Journal of Biological Chemistry, 2010, 285, 29863-29873.	3.4	33
18	Requirement of Cdk4 for v-Ha-ras-Induced Breast Tumorigenesis and Activation of the v-ras-Induced Senescence Program by the R24C Mutation. Genes and Cancer, 2010, 1, 69-80.	1.9	26

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19	Proliferative Suppression by CDK4/6 Inhibition: Complex Function of the Retinoblastoma Pathway in Liver Tissue and Hepatoma Cells. Gastroenterology, 2010, 138, 1920-1930.e2.	1.3	114
20	Escape from Cellular Quiescence. , 2010, , 3-22.		5
21	Coordinated Activation of the Origin Licensing Factor CDC6 and CDK2 in Resting Human Fibroblasts Expressing SV40 Small T Antigen and Cyclin E. Journal of Biological Chemistry, 2009, 284, 14126-14135.	3.4	13
22	Cyclin E and SV40 Small t Antigen Cooperate to Bypass Quiescence and Contribute to Transformation by Activating CDK2 in Human Fibroblasts*. Journal of Biological Chemistry, 2008, 283, 11280-11292.	3.4	18
23	Downregulation of the Phosphatase Nuclear Targeting Subunit (PNUTS) triggers pRB dephosphorylation and apoptosis in pRB positive tumor cell lines. Cancer Biology and Therapy, 2008, 7, 842-844.	3.4	11
24	p21 Loss Cooperates with INK4 Inactivation Facilitating Immortalization and Bcl-2â€“Mediated Anchorage-Independent Growth of Oncogene-Transduced Primary Mouse Fibroblasts. Cancer Research, 2007, 67, 4130-4137.	0.9	9
25	Direct inhibition of CDK9 blocks HIV-1 replication without preventing T-cell activation in primary human peripheral blood lymphocytes. Gene, 2007, 405, 65-78.	2.2	52
26	Mechanisms controlling CDK9 activity. Frontiers in Bioscience - Landmark, 2006, 11, 2598.	3.0	45
27	Cyclin T1 Expression Is Regulated by Multiple Signaling Pathways and Mechanisms during Activation of Human Peripheral Blood Lymphocytes. Journal of Immunology, 2005, 175, 6402-6411.	0.8	50
28	Cyclin-Dependent Kinase 4 Expression Is Essential for Neu-Induced Breast Tumorigenesis. Cancer Research, 2005, 65, 10174-10178.	0.9	103
29	A Dynamic Equilibrium between CDKs and PP2A Modulates Phosphorylation of pRB, p107 and p130. Cell Cycle, 2004, 3, 1320-1330.	2.6	47
30	The fate of pancreatic tumor cell lines following p16 overexpression depends on the modulation of CDK2 activity. Cell Death and Differentiation, 2004, 11, 1055-1065.	11.2	19
31	Cellular control of gene expression by T-type cyclin/CDK9 complexes. Gene, 2004, 337, 15-23.	2.2	158
32	SKP2 associates with p130 and accelerates p130 ubiquitylation and degradation in human cells. Oncogene, 2003, 22, 2443-2451.	5.9	98
33	CDK9 Is Constitutively Expressed throughout the Cell Cycle, and Its Steady-State Expression Is Independent of SKP2. Molecular and Cellular Biology, 2003, 23, 5165-5173.	2.3	80
34	G1 Cyclin/Cyclin-dependent Kinase-coordinated Phosphorylation of Endogenous Pocket Proteins Differentially Regulates Their Interactions with E2F4 and E2F1 and Gene Expression. Journal of Biological Chemistry, 2002, 277, 50263-50274.	3.4	78
35	Activation of the Jak3 pathway is associated with granulocytic differentiation of myeloid precursor cells. Blood, 2002, 100, 2753-2762.	1.4	25
36	E1A modulates phosphorylation of p130 and p107 by differentially regulating the activity of G1/S cyclin/CDK complexes. Oncogene, 2001, 20, 4793-4806.	5.9	17

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37	E1A Blocks Hyperphosphorylation of p130 and p107 without Affecting the Phosphorylation Status of the Retinoblastoma Protein. Journal of Virology, 2000, 74, 3166-3176.	3.4	14
38	Upregulation of cyclin T1/CDK9 complexes during T cell activation. Oncogene, 1998, 17, 3093-3102.	5.9	128
39	Role of the retinoblastoma protein family, pRB, p107 and p130 in the negative control of cell growth. Oncogene, 1998, 17, 3365-3383.	5.9	336
40	Differential regulation of the retinoblastoma family of proteins during cell proliferation and differentiation. Biochemical Journal, 1998, 333, 645-654.	3.7	76
41	The p130 pocket protein keeping order at cell cycle exit re-entrance transitions. Frontiers in Bioscience - Landmark, 1998, 3, d11-24.	3.0	38
42	The Cell Cycle Inhibitor p21CIPIs Phosphorylated by Cyclin A-CDK2 Complexes. Biochemical and Biophysical Research Communications, 1997, 241, 434-438.	2.1	15
43	The CDC2-related kinase PITALRE is the catalytic subunit of active multimeric protein complexes. Biochemical Journal, 1996, 319, 293-298.	3.7	55
44	Phosphorylation site specificity of the CDC2-related kinase PITALRE. Biochemical Journal, 1996, 320, 983-989.	3.7	27
45	Cytokine induction of proliferation and expression of CDC2 and cyclin a in FDC-P1 myeloid hematopoietic progenitor cells: Regulation of ubiquitous and cell cycle-dependent histone gene transcription factors. Journal of Cellular Biochemistry, 1995, 59, 291-302.	2.6	22
46	2,3-Bisphosphoglycerate-independent phosphoglycerate mutase is conserved among different phylogenic kingdoms. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1995, 112, 287-293.	1.6	23
47	Isolation and Characterization of Cofactor-Independent Phosphoglycerate Mutase Gene from Maize. Biochemical and Biophysical Research Communications, 1994, 203, 1204-1209.	2.1	7
48	Cyclin/cdk2 Complexes in the Nucleus of HeLa Cells. Biochemical and Biophysical Research Communications, 1994, 203, 1527-1534.	2.1	18
49	Transcription of histone H4, H3, and H1 cell cycle genes: promoter factor HiNF-D contains CDC2, cyclin A, and an RB-related protein.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 12882-12886.	7.1	63
50	PITALRE, a nuclear CDC2-related protein kinase that phosphorylates the retinoblastoma protein in vitro.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3834-3838.	7.1	220
51	Phosphoglycerate mutase activity and mRNA levels during germination of maize embryos. Plant Science, 1993, 89, 147-151.	3.6	6
52	Isolation and sequencing of a cDNA encoding the B isozyme of rat phosphoglycerate mutase. Gene, 1992, 113, 281-282.	2.2	15
53	Nuclear location of phosphoglycerate mutase BB isozyme in rat tissues. Histochemistry, 1992, 97, 269-275.	1.9	10
54	Increase of 2,3-bisphosphoglycerate synthase/phosphatase during maturation of reticulocytes with high 2,3-bisphosphoglycerate content. Molecular and Cellular Biochemistry, 1991, 102, 183-8.	3.1	4

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55	Purification, characterization and immunological properties of 2,3-bisphosphoglycerate-independent phosphoglycerate mutase from maize (Zea mays) seeds. FEBS Journal, 1989, 186, 149-153.	0.2	26