Claude Prigent

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1684610/publications.pdf

Version: 2024-02-01

43 papers	3,098 citations	201385 27 h-index	276539 41 g-index
47 all docs	47 docs citations	47 times ranked	3727 citing authors

#	Article	IF	Citations
1	Phosphorylation of serine 10 in histone H3, what for?. Journal of Cell Science, 2003, 116, 3677-3685.	1.2	405
2	A Ran signalling pathway mediated by the mitotic kinase Aurora A in spindle assembly. Nature Cell Biology, 2003, 5, 242-248.	4.6	327
3	Drosophila Aurora A kinase is required to localize D-TACC to centrosomes and to regulate astral microtubules. Journal of Cell Biology, 2002, 156, 437-451.	2.3	302
4	Aurora kinases, aneuploidy and cancer, a coincidence or a real link?. Trends in Cell Biology, 2005, 15, 241-250.	3.6	254
5	Phosphorylation of CDC25B by Aurora-A at the centrosome contributes to the G2â€“M transition. Journal of Cell Science, 2004, 117, 2523-2531.	1.2	232
6	APC/Fizzyâ€Related targets Auroraâ€A kinase for proteolysis. EMBO Reports, 2002, 3, 457-462.	2.0	144
7	TACC1â€“chTOGâ€“Aurora A protein complex in breast cancer. Oncogene, 2003, 22, 8102-8116.	2.6	99
8	Aurora A Kinase Is a Priority Pharmaceutical Target for the Treatment of Cancers. Trends in Pharmacological Sciences, 2017, 38, 687-700.	4.0	96
9	Expression of Aurora kinases in human thyroid carcinoma cell lines and tissues. International Journal of Cancer, 2006, 119, 275-282.	2.3	94
10	Spatio-Temporal Expression Patterns of Aurora Kinases A, B, and C and Cytoplasmic Polyadenylation-Element-Binding Protein in Bovine Oocytes During Meiotic Maturation1. Biology of Reproduction, 2008, 78, 218-233.	1.2	81
11	The Dâ€Boxâ€activating domain (DAD) is a new proteolysis signal that stimulates the silent Dâ€Box sequence of Auroraâ€A. EMBO Reports, 2002, 3, 1209-1214.	2.0	79
12	FBXW7/hCDC4 controls glioma cell proliferation in vitro and is a prognostic marker for survival in glioblastoma patients. Cell Division, 2007, 2, 9.	1.1	64
13	Aurora kinase A localises to mitochondria to control organelle dynamics and energy production. ELife, 2018, 7, .	2.8	63
14	Overexpression of Active Aurora-C Kinase Results in Cell Transformation and Tumour Formation. PLoS ONE, 2011, 6, e26512.	1.1	57
15	pEg2 Aurora-A Kinase, Histone H3 Phosphorylation, and Chromosome Assembly in Xenopus Egg Extract. Journal of Biological Chemistry, 2001, 276, 30002-30010.	1.6	53
16	Aurora A is involved in central spindle assembly through phosphorylation of Ser 19 in P150Glued. Journal of Cell Biology, 2013, 201, 65-79.	2.3	52
17	A FRET biosensor reveals spatiotemporal activation and functions of aurora kinase A in living cells. Nature Communications, 2016, 7, 12674.	5.8	52
18	Centrosome separation: respective role of microtubules and actin filaments. Biology of the Cell, 2002, 94, 275-288.	0.7	51

#	Article	IF	Citations
19	Phosphorylation of Maskin by Aurora-A Participates in the Control of Sequential Protein Synthesis during Xenopus laevis Oocyte Maturation. Journal of Biological Chemistry, 2005, 280, 13415-13423.	1.6	51
20	Nucleophosmin/B23 activates Aurora A at the centrosome through phosphorylation of serine 89. Journal of Cell Biology, 2012, 197, 19-26.	2.3	50
21	Identification of a functional destruction box in theXenopus laevisaurora-A kinase pEg2. FEBS Letters, 2001, 508, 149-152.	1.3	48
22	Cdk1, Plks, Auroras, and Neks: The Mitotic Bodyguards. Advances in Experimental Medicine and Biology, 2008, 617, 41-56.	0.8	46
23	Aurora B -TACC1 protein complex in cytokinesis. Oncogene, 2004, 23, 4516-4522.	2.6	43
24	Several signaling pathways are involved in the control of cattle oocyte maturation. Molecular Reproduction and Development, 2004, 69, 466-474.	1.0	43
25	Tight junctions negatively regulate mechanical forces applied to adherens junctions in vertebrate epithelial tissue. Journal of Cell Science, 2018, 131, .	1.2	37
26	Aurora A activation in mitosis promoted by BuGZ. Journal of Cell Biology, 2018, 217, 107-116.	2.3	31
27	Clockwise or anticlockwise? Turning the centriole triplets in the right direction!. FEBS Letters, 2007, 581, 1251-1254.	1.3	30
28	Aurora A kinase activity is required to maintain the spindle assembly checkpoint active during pro-metaphase. Journal of Cell Science, 2018, 131, .	1.2	26
29	Preparation and characterization of a human aurora-A kinase monoclonal antibody. Molecular and Cellular Biochemistry, 2003, 243, 123-131.	1.4	24
30	Epithelial cell division in the Xenopus laevis embryo during gastrulation. International Journal of Developmental Biology, 2014, 58, 775-781.	0.3	23
31	CDC6 controls dynamics of the first embryonic M-phase entry and progression via CDK1 inhibition. Developmental Biology, 2014, 396, 67-80.	0.9	20
32	Size matters! Aurora A controls Drosophila larval development. Developmental Biology, 2018, 440, 88-98.	0.9	19
33	Aurora-A kinase Ser349 phosphorylation is required during Xenopus laevis oocyte maturation. Developmental Biology, 2008, 317, 523-530.	0.9	17
34	A Journey through Time on the Discovery of Cell Cycle Regulation. Cells, 2022, 11, 704.	1.8	15
35	Aurora Aâ€™s Functions During Mitotic Exit: The Guess Who Game. Frontiers in Oncology, 2015, 5, 290.	1.3	14
36	Mitochondrial Aurora kinase A induces mitophagy by interacting with MAP1LC3 and Prohibitin 2. Life Science Alliance, 2021, 4, e202000806.	1.3	14

#	Article	IF	Citations
37	The Protein Kinase Resource: everything you always wanted to know about protein kinases but were afraid to ask. Biology of the Cell, 2005, 97, 113-118.	0.7	12
38	Reciprocal regulation of Aurora kinase A and ATIP3 in the control of metaphase spindle length. Cellular and Molecular Life Sciences, 2021, 78, 1765-1779.	2.4	9
39	Microtubule nucleation during central spindle assembly requires NEDD1 phosphorylation on Serine 405 by Aurora A. Journal of Cell Science, 2019, 132, .	1.2	8
40	Aurora A kinase interacts with and phosphorylates VHL protein. Biologia (Poland), 2012, 67, 1026-1030.	0.8	2
41	Regulation of Aurora Kinases and Their Activity. , 2017, , .		1
42	Adherens junctions are involved in polarized contractile ring formation in dividing epithelial cells of Xenopus laevis embryos. Experimental Cell Research, 2021, 402, 112525.	1.2	1
43	Introduction toXenopus laevis as a molecular and histological model for genetic studies. , 1999, 44, 387-387.		0