

# Claude Prigent

## List of Publications by Year in descending order

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43  
papers

3,098  
citations

201674

27  
h-index

276875

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.	2.0	405
2	A Ran signalling pathway mediated by the mitotic kinase Aurora A in spindle assembly. Nature Cell Biology, 2003, 5, 242-248.	10.3	327
3	<i>Drosophila</i> Aurora A kinase is required to localize D-TACC to centrosomes and to regulate astral microtubules. Journal of Cell Biology, 2002, 156, 437-451.	5.2	302
4	Aurora kinases, aneuploidy and cancer, a coincidence or a real link?. Trends in Cell Biology, 2005, 15, 241-250.	7.9	254
5	Phosphorylation of CDC25B by Aurora-A at the centrosome contributes to the G2→M transition. Journal of Cell Science, 2004, 117, 2523-2531.	2.0	232
6	APC/Fizzy-Related targets Aurora-A kinase for proteolysis. EMBO Reports, 2002, 3, 457-462.	4.5	144
7	TACC1→hTOG→Aurora A protein complex in breast cancer. Oncogene, 2003, 22, 8102-8116.	5.9	99
8	Aurora A Kinase Is a Priority Pharmaceutical Target for the Treatment of Cancers. Trends in Pharmacological Sciences, 2017, 38, 687-700.	8.7	96
9	Expression of Aurora kinases in human thyroid carcinoma cell lines and tissues. International Journal of Cancer, 2006, 119, 275-282.	5.1	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.	2.7	81
11	The D→Box→activating domain (DAD) is a new proteolysis signal that stimulates the silent D→Box sequence of Aurora-A. EMBO Reports, 2002, 3, 1209-1214.	4.5	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.	2.4	64
13	Aurora kinase A localises to mitochondria to control organelle dynamics and energy production. ELife, 2018, 7, .	6.0	63
14	Overexpression of Active Aurora-C Kinase Results in Cell Transformation and Tumour Formation. PLoS ONE, 2011, 6, e26512.	2.5	57
15	pEg2 Aurora-A Kinase, Histone H3 Phosphorylation, and Chromosome Assembly in Xenopus Egg Extract. Journal of Biological Chemistry, 2001, 276, 30002-30010.	3.4	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.	5.2	52
17	A FRET biosensor reveals spatiotemporal activation and functions of aurora kinase A in living cells. Nature Communications, 2016, 7, 12674.	12.8	52
18	Centrosome separation: respective role of microtubules and actin filaments. Biology of the Cell, 2002, 94, 275-288.	2.0	51

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19	Phosphorylation of Maskin by Aurora-A Participates in the Control of Sequential Protein Synthesis during <i>Xenopus laevis</i> Oocyte Maturation. <i>Journal of Biological Chemistry</i> , 2005, 280, 13415-13423.	3.4	51
20	Nucleophosmin/B23 activates Aurora A at the centrosome through phosphorylation of serine 89. <i>Journal of Cell Biology</i> , 2012, 197, 19-26.	5.2	50
21	Identification of a functional destruction box in the <i>Xenopus laevis</i> aurora-A kinase pEg2. <i>FEBS Letters</i> , 2001, 508, 149-152.	2.8	48
22	Cdk1, Plks, Auroras, and Neks: The Mitotic Bodyguards. <i>Advances in Experimental Medicine and Biology</i> , 2008, 617, 41-56.	1.6	46
23	Aurora B -TACC1 protein complex in cytokinesis. <i>Oncogene</i> , 2004, 23, 4516-4522.	5.9	43
24	Several signaling pathways are involved in the control of cattle oocyte maturation. <i>Molecular Reproduction and Development</i> , 2004, 69, 466-474.	2.0	43
25	Tight junctions negatively regulate mechanical forces applied to adherens junctions in vertebrate epithelial tissue. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	37
26	Aurora A activation in mitosis promoted by BuGZ. <i>Journal of Cell Biology</i> , 2018, 217, 107-116.	5.2	31
27	Clockwise or anticlockwise? Turning the centriole triplets in the right direction!. <i>FEBS Letters</i> , 2007, 581, 1251-1254.	2.8	30
28	Aurora A kinase activity is required to maintain the spindle assembly checkpoint active during pro-metaphase. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	26
29	Preparation and characterization of a human aurora-A kinase monoclonal antibody. <i>Molecular and Cellular Biochemistry</i> , 2003, 243, 123-131.	3.1	24
30	Epithelial cell division in the <i>Xenopus laevis</i> embryo during gastrulation. <i>International Journal of Developmental Biology</i> , 2014, 58, 775-781.	0.6	23
31	CDC6 controls dynamics of the first embryonic M-phase entry and progression via CDK1 inhibition. <i>Developmental Biology</i> , 2014, 396, 67-80.	2.0	20
32	Size matters! Aurora A controls <i>Drosophila</i> larval development. <i>Developmental Biology</i> , 2018, 440, 88-98.	2.0	19
33	Aurora-A kinase Ser349 phosphorylation is required during <i>Xenopus laevis</i> oocyte maturation. <i>Developmental Biology</i> , 2008, 317, 523-530.	2.0	17
34	A Journey through Time on the Discovery of Cell Cycle Regulation. <i>Cells</i> , 2022, 11, 704.	4.1	15
35	Aurora A's Functions During Mitotic Exit: The Guess Who Game. <i>Frontiers in Oncology</i> , 2015, 5, 290.	2.8	14
36	Mitochondrial Aurora kinase A induces mitophagy by interacting with MAP1LC3 and Prohibitin 2. <i>Life Science Alliance</i> , 2021, 4, e202000806.	2.8	14

#	ARTICLE	IF	CITATIONS
37	The Protein Kinase Resource: everything you always wanted to know about protein kinases but were afraid to ask. <i>Biology of the Cell</i> , 2005, 97, 113-118.	2.0	12
38	Reciprocal regulation of Aurora kinase A and ATIP3 in the control of metaphase spindle length. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1765-1779.	5.4	9
39	Microtubule nucleation during central spindle assembly requires NEDD1 phosphorylation on Serine 405 by Aurora A. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	8
40	Aurora A kinase interacts with and phosphorylates VHL protein. <i>Biologia (Poland)</i> , 2012, 67, 1026-1030.	1.5	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 <i>Xenopus laevis</i> embryos. <i>Experimental Cell Research</i> , 2021, 402, 112525.	2.6	1
43	Introduction to <i>Xenopus laevis</i> as a molecular and histological model for genetic studies. , 1999, 44, 387-387.		0