

# Vincent Archambault

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,232  
citations

566801

15  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polo-like kinases: conservation and divergence in their functions and regulation. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 265-275.	16.1	554
2	The Chromosomal Passenger Complex Activates Polo Kinase at Centromeres. <i>PLoS Biology</i> , 2012, 10, e1001250.	2.6	97
3	Mutations in <i>Drosophila</i> Greatwall/Scant Reveal Its Roles in Mitosis and Meiosis and Interdependence with Polo Kinase. <i>PLoS Genetics</i> , 2007, 3, e200.	1.5	95
4	Sequestration of Polo kinase to microtubules by phosphoprimering-independent binding to Map205 is relieved by phosphorylation at a CDK site in mitosis. <i>Genes and Development</i> , 2008, 22, 2707-2720.	2.7	67
5	Cell cycle regulation of Greatwall kinase nuclear localization facilitates mitotic progression. <i>Journal of Cell Biology</i> , 2013, 202, 277-293.	2.3	39
6	Polo-like kinase-activating kinases. <i>Cell Cycle</i> , 2012, 11, 1490-1495.	1.3	37
7	Coupling of Polo kinase activation to nuclear localization by a bifunctional NLS is required during mitotic entry. <i>Nature Communications</i> , 2017, 8, 1701.	5.8	36
8	PP2A-B55 promotes nuclear envelope reformation after mitosis in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2018, 217, 4106-4123.	2.3	35
9	Interdomain allosteric regulation of Polo kinase by Aurora B and Map205 is required for cytokinesis. <i>Journal of Cell Biology</i> , 2014, 207, 201-211.	2.3	34
10	Isolation of Protein Complexes Involved in Mitosis and Cytokinesis from <i>Drosophila</i> Cultured Cells. <i>Methods in Molecular Biology</i> , 2009, 545, 99-112.	0.4	34
11	A unified view of spatio-temporal control of mitotic entry: Polo kinase as the key. <i>Open Biology</i> , 2018, 8, .	1.5	32
12	PP2A-Twins Is Antagonized by Greatwall and Collaborates with Polo for Cell Cycle Progression and Centrosome Attachment to Nuclei in <i>Drosophila</i> Embryos. <i>PLoS Genetics</i> , 2011, 7, e1002227.	1.5	31
13	Several inhibitors of the Plk1 Polo-Box Domain turn out to be non-specific protein alkylators. <i>Cell Cycle</i> , 2017, 16, 1220-1224.	1.3	25
14	Spatial regulation of greatwall by Cdk1 and PP2A-Tws in the cell cycle. <i>Cell Cycle</i> , 2016, 15, 528-539.	1.3	20
15	Identification of Polo-like kinase 1 interaction inhibitors using a novel cell-based assay. <i>Scientific Reports</i> , 2016, 6, 37581.	1.6	19
16	Affinity Purification of Protein Complexes from <i>Drosophila</i> Embryos in Cell Cycle Studies. <i>Methods in Molecular Biology</i> , 2014, 1170, 571-588.	0.4	17
17	The Greatwall-PP2A Axis in Cell Cycle Control. <i>Methods in Molecular Biology</i> , 2014, 1170, 99-111.	0.4	13
18	Free centrosomes: Where do they all come from?. <i>Fly</i> , 2010, 4, 172-177.	0.9	11

#	ARTICLE	IF	CITATIONS
19	Cyclin B3 activates the Anaphase-Promoting Complex/Cyclosome in meiosis and mitosis. PLoS Genetics, 2020, 16, e1009184.	1.5	11
20	Cell cycle: proteomics gives it a spin. Expert Review of Proteomics, 2005, 2, 615-625.	1.3	6
21	Spatiotemporal coordination of Greatwall-Endos-PP2A promotes mitotic progression. Journal of Cell Biology, 2021, 220, .	2.3	5
22	Yeast Polo-like kinase substrates are nailed with the right tools. Genome Biology, 2008, 9, 203.	13.9	4
23	Evidence for a role of spindle matrix formation in cell cycle progression by antibody perturbation. PLoS ONE, 2018, 13, e0208022.	1.1	4
24	A Bitter PP1 Fights the Sweet Polo. Molecular Cell, 2008, 30, 541-542.	4.5	3
25	The spindle assembly checkpoint and the spatial activation of Polo kinase determine the duration of cell division and prevent tumor formation. PLoS Genetics, 2022, 18, e1010145.	1.5	3
26	Mutations in Drosophila Greatwall/Scant reveal its roles in mitosis and meiosis and interdependence with Polo kinase. PLoS Genetics, 2005, preprint, e200.	1.5	0