

# Vincent Archambault

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,232  
citations

567281

15  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1723  
citing authors

#	ARTICLE	IF	CITATIONS
1	The spindle assembly checkpoint and the spatial activation of Polo kinase determine the duration of cell division and prevent tumor formation. <i>PLoS Genetics</i> , 2022, 18, e1010145.	3.5	3
2	Spatiotemporal coordination of Greatwall-Endos-PP2A promotes mitotic progression. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	5
3	Cyclin B3 activates the Anaphase-Promoting Complex/Cyclosome in meiosis and mitosis. <i>PLoS Genetics</i> , 2020, 16, e1009184.	3.5	11
4	Evidence for a role of spindle matrix formation in cell cycle progression by antibody perturbation. <i>PLoS ONE</i> , 2018, 13, e0208022.	2.5	4
5	PP2A-B55 promotes nuclear envelope reformation after mitosis in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2018, 217, 4106-4123.	5.2	35
6	A unified view of spatio-temporal control of mitotic entry: Polo kinase as the key. <i>Open Biology</i> , 2018, 8, .	3.6	32
7	Several inhibitors of the Plk1 Polo-Box Domain turn out to be non-specific protein alkylators. <i>Cell Cycle</i> , 2017, 16, 1220-1224.	2.6	25
8	Coupling of Polo kinase activation to nuclear localization by a bifunctional NLS is required during mitotic entry. <i>Nature Communications</i> , 2017, 8, 1701.	12.8	36
9	Identification of Polo-like kinase 1 interaction inhibitors using a novel cell-based assay. <i>Scientific Reports</i> , 2016, 6, 37581.	3.3	19
10	Spatial regulation of greatwall by Cdk1 and PP2A-Tws in the cell cycle. <i>Cell Cycle</i> , 2016, 15, 528-539.	2.6	20
11	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.	5.2	34
12	Affinity Purification of Protein Complexes from <i>Drosophila</i> Embryos in Cell Cycle Studies. <i>Methods in Molecular Biology</i> , 2014, 1170, 571-588.	0.9	17
13	The Greatwall-PP2A Axis in Cell Cycle Control. <i>Methods in Molecular Biology</i> , 2014, 1170, 99-111.	0.9	13
14	Cell cycle regulation of Greatwall kinase nuclear localization facilitates mitotic progression. <i>Journal of Cell Biology</i> , 2013, 202, 277-293.	5.2	39
15	The Chromosomal Passenger Complex Activates Polo Kinase at Centromeres. <i>PLoS Biology</i> , 2012, 10, e1001250.	5.6	97
16	Polo-like kinase-activating kinases. <i>Cell Cycle</i> , 2012, 11, 1490-1495.	2.6	37
17	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.	3.5	31
18	Free centrosomes: Where do they all come from?. <i>Fly</i> , 2010, 4, 172-177.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Polo-like kinases: conservation and divergence in their functions and regulation. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 265-275.	37.0	554
20	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.	0.9	34
21	Yeast Polo-like kinase substrates are nailed with the right tools. <i>Genome Biology</i> , 2008, 9, 203.	9.6	4
22	A Bitter PP1 Fights the Sweet Polo. <i>Molecular Cell</i> , 2008, 30, 541-542.	9.7	3
23	Sequestration of Polo kinase to microtubules by phosphopriming-independent binding to Map205 is relieved by phosphorylation at a CDK site in mitosis. <i>Genes and Development</i> , 2008, 22, 2707-2720.	5.9	67
24	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.	3.5	95
25	Cell cycle: proteomics gives it a spin. <i>Expert Review of Proteomics</i> , 2005, 2, 615-625.	3.0	6
26	Mutations in <i>Drosophila</i> Greatwall/Scant reveal its roles in mitosis and meiosis and interdependence with Polo kinase. <i>PLoS Genetics</i> , 2005, preprint, e200.	3.5	0