

# Per O Widlund

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4140976/publications.pdf>

Version: 2024-02-01

21  
papers

2,112  
citations

430442

18  
h-index

752256

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2626  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Centrosome Is a Selective Condensate that Nucleates Microtubules by Concentrating Tubulin. <i>Cell</i> , 2017, 169, 1066-1077.e10.	13.5	533
2	Microtubule Dynamics Reconstituted In Vitro and Imaged by Single-Molecule Fluorescence Microscopy. <i>Methods in Cell Biology</i> , 2010, 95, 221-245.	0.5	239
3	Regulated assembly of a supramolecular centrosome scaffold in vitro. <i>Science</i> , 2015, 348, 808-812.	6.0	170
4	Synergy between XMAP215 and EB1 increases microtubule growth rates to physiological levels. <i>Nature Cell Biology</i> , 2013, 15, 688-693.	4.6	160
5	XMAP215 polymerase activity is built by combining multiple tubulin-binding TOG domains and a basic lattice-binding region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2741-2746.	3.3	143
6	Phosphoregulation and depolymerization-driven movement of the Dam1 complex do not require ring formation. <i>Nature Cell Biology</i> , 2008, 10, 407-414.	4.6	136
7	One-step purification of assembly-competent tubulin from diverse eukaryotic sources. <i>Molecular Biology of the Cell</i> , 2012, 23, 4393-4401.	0.9	125
8	XMAP215 activity sets spindle length by controlling the total mass of spindle microtubules. <i>Nature Cell Biology</i> , 2013, 15, 1116-1122.	4.6	115
9	Development of Type 1 Diabetes in Wild Bank Voles Associated With Islet Autoantibodies and the Novel Ljungan Virus. <i>Experimental Diabetes Research</i> , 2003, 4, 35-44.	1.0	77
10	Asymmetric Inheritance of Aggregated Proteins and Age Reset in Yeast Are Regulated by Vac17-Dependent Vacuolar Functions. <i>Cell Reports</i> , 2016, 16, 826-838.	2.9	66
11	Molecular basis for CPAP-tubulin interaction in controlling centriolar and ciliary length. <i>Nature Communications</i> , 2016, 7, 11874.	5.8	66
12	GTSE1 Is a Microtubule Plus-End Tracking Protein That Regulates EB1-Dependent Cell Migration. <i>PLoS ONE</i> , 2012, 7, e51259.	1.1	52
13	Phosphorylation of the Chromosomal Passenger Protein Bir1 Is Required for Localization of Ndc10 to the Spindle during Anaphase and Full Spindle Elongation. <i>Molecular Biology of the Cell</i> , 2006, 17, 1065-1074.	0.9	39
14	A luminal interrupted helix in human sperm tail microtubules. <i>Scientific Reports</i> , 2018, 8, 2727.	1.6	39
15	Bir1 Is Required for the Tension Checkpoint. <i>Molecular Biology of the Cell</i> , 2009, 20, 915-923.	0.9	37
16	Syntaxin 5 Is Required for the Formation and Clearance of Protein Inclusions during Proteostatic Stress. <i>Cell Reports</i> , 2019, 28, 2096-2110.e8.	2.9	30
17	Studying Spatial Protein Quality Control, Proteopathies, and Aging Using Different Model Misfolding Proteins in <i>S. cerevisiae</i> . <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 249.	1.4	28
18	A high-efficiency method to replace essential genes with mutant alleles in yeast. <i>Yeast</i> , 2005, 22, 769-774.	0.8	22

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19	Large organellar changes occur during mild heat shock in yeast. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	16
20	Clathrinâ€™s adaptor interaction sites are repurposed to stabilize microtubules during mitosis. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	15
21	XMAP215 and EB1 act in Synergy to Promote Microtubule Growth. <i>Biophysical Journal</i> , 2013, 104, 550a.	0.2	0