

# Michelle Moritz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9005822/publications.pdf>

Version: 2024-02-01

18  
papers

2,339  
citations

687363

13  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. <i>Cell</i> , 2022, 185, 712-728.e14.	28.9	114
2	Microtubules form by progressively faster tubulin accretion, not by nucleationâ€“elongation. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	4
3	Fragment binding to the Nsp3 macrodomain of SARS-CoV-2 identified through crystallographic screening and computational docking. <i>Science Advances</i> , 2021, 7, .	10.3	100
4	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
5	XMAP215 and $\hat{\beta}$ -tubulin additively promote microtubule nucleation in purified solutions. <i>Molecular Biology of the Cell</i> , 2020, 31, 2187-2194.	2.1	23
6	Higher-order oligomerization of Spc110p drives $\hat{\beta}$ -tubulin ring complex assembly. <i>Molecular Biology of the Cell</i> , 2016, 27, 2245-2258.	2.1	29
7	Ring closure activates yeast $\hat{\beta}$ TuRC for species-specific microtubule nucleation. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 132-137.	8.2	115
8	Interaction of CK1 $\hat{\gamma}$ with $\hat{\beta}$ TuSC ensures proper microtubule assembly and spindle positioning. <i>Molecular Biology of the Cell</i> , 2015, 26, 2505-2518.	2.1	27
9	The centrosome and the mechanism of microtubule nucleation. <i>FASEB Journal</i> , 2006, 20, A35.	0.5	0
10	Microtubule Nucleation. , 2005, , 27-41.		4
11	Reconstitution of centrosome microtubule nucleation in <i>Drosophila</i> . <i>Methods in Cell Biology</i> , 2001, 67, 141-148.	1.1	1
12	$\hat{\beta}$ -Tubulin complexes and microtubule nucleation. <i>Current Opinion in Structural Biology</i> , 2001, 11, 174-181.	5.7	144
13	GCP5 and GCP6: Two New Members of the Human $\hat{\beta}$ -Tubulin Complex. <i>Molecular Biology of the Cell</i> , 2001, 12, 3340-3352.	2.1	182
14	Structure of the $\hat{\beta}$ -tubulin ring complex: a template for microtubule nucleation. <i>Nature Cell Biology</i> , 2000, 2, 365-370.	10.3	264
15	Recruitment of the $\hat{\beta}$ -Tubulin Ring Complex to <i>Drosophila</i> Salt-stripped Centrosome Scaffolds. <i>Journal of Cell Biology</i> , 1998, 142, 775-786.	5.2	231
16	Chapter 1 Isolation of Centrosomes from <i>Drosophila</i> Embryos. <i>Methods in Cell Biology</i> , 1998, 61, 1-12.	1.1	16
17	Structure of Centrosomes and Chromosomes Through IVEM Tomography. <i>Microscopy and Microanalysis</i> , 1997, 3, 223-224.	0.4	0
18	Microtubule nucleation by $\hat{\beta}$ -tubulin-containing rings in the centrosome. <i>Nature</i> , 1995, 378, 638-640.	27.8	509