

Michelle Moritz

List of Publications by Year in descending order

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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	Microtubule nucleation by $\hat{\beta}$ -tubulin-containing rings in the centrosome. <i>Nature</i> , 1995, 378, 638-640.	27.8	509
2	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
3	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
4	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
5	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
6	$\hat{\beta}$ -Tubulin complexes and microtubule nucleation. <i>Current Opinion in Structural Biology</i> , 2001, 11, 174-181.	5.7	144
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	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. <i>Cell</i> , 2022, 185, 712-728.e14.	28.9	114
9	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
10	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
11	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
12	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
13	Chapter 1 Isolation of Centrosomes from <i>Drosophila</i> Embryos. <i>Methods in Cell Biology</i> , 1998, 61, 1-12.	1.1	16
14	Microtubule Nucleation. , 2005, , 27-41.		4
15	Microtubules form by progressively faster tubulin accretion, not by nucleation $\hat{\epsilon}$ elongation. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	4
16	Reconstitution of centrosome microtubule nucleation in <i>Drosophila</i> . <i>Methods in Cell Biology</i> , 2001, 67, 141-148.	1.1	1
17	Structure of Centrosomes and Chromosomes Through IVEM Tomography. <i>Microscopy and Microanalysis</i> , 1997, 3, 223-224.	0.4	0
18	The centrosome and the mechanism of microtubule nucleation. <i>FASEB Journal</i> , 2006, 20, A35.	0.5	0