

Steven M Markus

List of Publications by Year in descending order

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15
papers

677
citations

759233

12
h-index

1058476

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20
docs citations

20
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor- and Tail-Dependent Targeting of Dynein to Microtubule Plus Ends and the Cell Cortex. <i>Current Biology</i> , 2009, 19, 196-205.	3.9	102
2	Regulated Offloading of Cytoplasmic Dynein from Microtubule Plus Ends to the Cortex. <i>Developmental Cell</i> , 2011, 20, 639-651.	7.0	95
3	Pac1/LIS1 stabilizes an uninhibited conformation of dynein to coordinate its localization and activity. <i>Nature Cell Biology</i> , 2020, 22, 559-569.	10.3	70
4	The dynein cortical anchor Num1 activates dynein motility by relieving Pac1/LIS1-mediated inhibition. <i>Journal of Cell Biology</i> , 2015, 211, 309-322.	5.2	64
5	Quantitative analysis of Pac1/LIS1-mediated dynein targeting: Implications for regulation of dynein activity in budding yeast. <i>Cytoskeleton</i> , 2011, 68, 157-174.	2.0	63
6	Improved Plasmids for Fluorescent Protein Tagging of Microtubules in <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2015, 16, 773-786.	2.7	57
7	New insights into the mechanism of dynein motor regulation by lissencephaly-1. <i>ELife</i> , 2020, 9, .	6.0	52
8	Molecular basis for dyneinopathies reveals insight into dynein regulation and dysfunction. <i>ELife</i> , 2019, 8, .	6.0	39
9	She1-Mediated Inhibition of Dynein Motility along Astral Microtubules Promotes Polarized Spindle Movements. <i>Current Biology</i> , 2012, 22, 2221-2230.	3.9	35
10	Microtubule-dependent path to the cell cortex for cytoplasmic dynein in mitotic spindle orientation. <i>Bioarchitecture</i> , 2011, 1, 209-215.	1.5	31
11	Astral microtubule asymmetry provides directional cues for spindle positioning in budding yeast. <i>Experimental Cell Research</i> , 2012, 318, 1400-1406.	2.6	25
12	She1 affects dynein through direct interactions with the microtubule and the dynein microtubule-binding domain. <i>Nature Communications</i> , 2017, 8, 2151.	12.8	25
13	“Wait anaphase” signals are not confined to the mitotic spindle. <i>Molecular Biology of the Cell</i> , 2017, 28, 1186-1194.	2.1	9
14	The MAP She1 coordinates directional spindle positioning by spatially restricting dynein activity. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	3
15	Effectors of the spindle assembly checkpoint are confined within the nucleus of <i>Saccharomyces cerevisiae</i> . <i>Biology Open</i> , 2019, 8, .	1.2	0