Martin Srayko

List of Publications by Year
in descending order

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32 papers	2,121 citations	394421 19 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	2282 citing authors

#	Article	IF	Citations
1	The BTB protein MEL-26 is a substrate-specific adaptor of the CUL-3 ubiquitin-ligase. Nature, 2003, 425, 311-316.	27.8	378
2	Cortical Microtubule Contacts Position the Spindle in C. elegans Embryos. Cell, 2007, 129, 499-510.	28.9	212
3	Identification and Characterization of Factors Required for Microtubule Growth and Nucleation in the Early C. elegans Embryo. Developmental Cell, 2005, 9, 223-236.	7.0	208
4	MEI-1/MEI-2 katanin-like microtubule severing activity is required for Caenorhabditis elegans meiosis. Genes and Development, 2000, 14, 1072-1084.	5.9	172
5	Katanin Disrupts the Microtubule Lattice and Increases Polymer Number in C.Âelegans Meiosis. Current Biology, 2006, 16, 1944-1949.	3.9	152
6	An Essential Function of the C. elegans Ortholog of TPX2 Is to Localize Activated Aurora A Kinase to Mitotic Spindles. Developmental Cell, 2005, 9, 237-248.	7.0	105
7	Caenorhabditis elegans TAC-1 and ZYG-9 Form a Complex that Is Essential for Long Astral and Spindle Microtubules. Current Biology, 2003, 13, 1506-1511.	3.9	104
8	Correlative Light and Electron Microscopy of Early Caenorhabditis elegans Embryos in Mitosis. Methods in Cell Biology, 2007, 79, 101-119.	1.1	99
9	The C. elegans RSA Complex Localizes Protein Phosphatase 2A to Centrosomes and Regulates Mitotic Spindle Assembly. Cell, 2007, 128, 115-127.	28.9	87
10	Efficient chaperone-mediated tubulin biogenesis is essential for cell division and cell migration in C. elegans. Developmental Biology, 2008, 313, 320-334.	2.0	66
11	Visualization of dynein-dependent microtubule gliding at the cell cortex: implications for spindle positioning. Journal of Cell Biology, 2011, 194, 377-386.	5.2	63
12	The Caenorhabditis elegans Microtubule-severing Complex MEI-1/MEI-2 Katanin Interacts Differently with Two Superficially Redundant Î²-Tubulin Isotypes. Molecular Biology of the Cell, 2004, 15, 142-150.	2.1	60
13	The elegans of spindle assembly. Cellular and Molecular Life Sciences, 2010, 67, 2195-2213.	5.4	51
14	Functional Interaction between Phosducin-like Protein 2 and Cytosolic Chaperonin Is Essential for Cytoskeletal Protein Function and Cell Cycle Progression. Molecular Biology of the Cell, 2007, 18, 2336-2345.	2.1	50
15	RNA-Mediated Interference of acdc25Homolog inCaenorhabditis elegansResults in Defects in the Embryonic Cortical Membrane, Meiosis, and Mitosis. Developmental Biology, 1999, 206, 15-32.	2.0	48
16	The Role of Î³-Tubulin in Centrosomal Microtubule Organization. PLoS ONE, 2012, 7, e29795.	2.5	48
17	A Switch in Microtubule Orientation during C.Âelegans Meiosis. Current Biology, 2018, 28, 2991-2997.e2.	3.9	39
18	The KLP-7 Residue S546 Is a Putative Aurora Kinase Site Required for Microtubule Regulation at the Centrosome in C. elegans. PLoS ONE, 2015, 10, e0132593.	2.5	35

#	Article	IF	Citations
19	Dual Phosphorylation of Cdk1 Coordinates Cell Proliferation with Key Developmental Processes in Drosophila. Genetics, 2014, 196, 197-210.	2.9	31
20	Mutational analysis of bli-4/kpc-4 reveals critical residues required for proprotein convertase function in C. elegans. Gene, 2000, 252, 15-25.	2.2	19
21	Correlative Light and Electron Microscopy of Intermediate Stages of Meiotic Spindle Assembly in the Early Caenorhabditis elegans Embryo. Methods in Cell Biology, 2012, 111, 223-234.	1.1	16
22	G2-phase arrest prevents bristle progenitor self-renewal and synchronizes cell divisions with cell fate differentiation. Development (Cambridge), 2016, 143, 1160-9.	2.5	16
23	Protein phosphatase 2A is crucial for sarcomere organization inCaenorhabditis elegansstriated muscle. Molecular Biology of the Cell, 2018, 29, 2084-2097.	2.1	14
24	Microtubule reorganization during female meiosis in C. elegans. ELife, 2021, 10, .	6.0	11
25	Kinetochore Recruitment of the Spindle and Kinetochore-Associated (Ska) Complex Is Regulated by Centrosomal PP2A in Caenorhabditis elegans. Genetics, 2019, 212, 509-522.	2.9	9
26	Laulimalide Induces Dose-Dependent Modulation of Microtubule Behaviour in the C. elegans Embryo. PLoS ONE, 2013, 8, e71889.	2.5	8
27	Suppressor mutations identify amino acids in PAA-1/PR65 that facilitate regulatory RSA-1/Bâ€³ subunit targeting of PP2A to centrosomes in C. elegans. Biology Open, 2013, 2, 88-94.	1.2	6
28	Maternal MEMI Promotes Female Meiosis II in Response toÂFertilization inÂCaenorhabditis elegans. Genetics, 2016, 204, 1461-1477.	2.9	6
29	Meiotic kinetochores get pushed aside by a CLS act. Nature Cell Biology, 2010, 12, 849-851.	10.3	3
30	Measuring Microtubule Growth and Gliding in Caenorhabditis elegans Embryos. Methods in Molecular Biology, 2014, 1136, 103-116.	0.9	3
31	Sperm-specific glycogen synthase kinase 3 is required for sperm motility and the post-fertilization signal for female meiosis II in Caenorhabditis elegans. Development (Cambridge), 2022, 149, .	2.5	2
32	The C. elegans Centrosome during Early Embryonic Development. , 2005, , 225-250.		0