Jian-Qiu Wu

List of Publications by Year
in descending order

49 papers	5,701 citations	201674 27 h-index	223800 46 g-index
49 all docs	49 docs citations	49 times ranked	6347 citing authors

#	Article	IF	Citations
1	Involvement of Smi1 in cell wall integrity and glucan synthase Bgs4 localization during fission yeast cytokinesis. Molecular Biology of the Cell, 2022, 33, mbcE21040214.	2.1	4
2	Roles of Mso1 and the SM protein Sec1 in efficient vesicle fusion during fission yeast cytokinesis. Molecular Biology of the Cell, 2020, 31, 1570-1583.	2.1	3
3	An Assay to Study Intra-Chromosomal Deletions in Yeast. Methods and Protocols, 2019, 2, 74.	2.0	1
4	The F-BAR Domain of Rga7 Relies on a Cooperative Mechanism of Membrane Binding with a Partner Protein during Fission Yeast Cytokinesis. Cell Reports, 2019, 26, 2540-2548.e4.	6.4	10
5	Distinct Roles of Myosin-II Isoforms in Cytokinesis under Normal and Stressed Conditions. IScience, 2019, 14, 69-87.	4.1	19
6	Molecular mechanisms of contractile-ring constriction and membrane trafficking in cytokinesis. Biophysical Reviews, 2018, 10, 1649-1666.	3.2	12
7	Roles of the fission yeast UNC-13/Munc13 protein Ync13 in late stages of cytokinesis. Molecular Biology of the Cell, 2018, 29, 2259-2279.	2.1	12
8	Roles of the TRAPP-II Complex and the Exocyst in Membrane Deposition during Fission Yeast Cytokinesis. PLoS Biology, 2016, 14, e1002437.	5.6	62
9	Roles of the novel coiled-coil protein Rng10 in septum formation during fission yeast cytokinesis. Molecular Biology of the Cell, 2016, 27, 2528-2541.	2.1	9
10	Cytokinesis: Going Super-Resolution in Live Cells. Current Biology, 2016, 26, R1150-R1152.	3.9	2
11	Real-Time Visualization and Quantification of Contractile Ring Proteins in Single Living Cells. Methods in Molecular Biology, 2016, 1369, 9-23.	0.9	8
12	Sbg1 Is a Novel Regulator for the Localization of the Î²-Glucan Synthase Bgs1 in Fission Yeast. PLoS ONE, 2016, 11, e0167043.	2.5	16
13	SOAX: A software for quantification of 3D biopolymer networks. Scientific Reports, 2015, 5, 9081.	3.3	92
14	Mechanistic Insights into the Anchorage of the Contractile Ring by Anillin and Mid1. Developmental Cell, 2015, 33, 413-426.	7.0	113
15	The Rho-GEF Gef3 interacts with the septin complex and activates the GTPase Rho4 during fission yeast cytokinesis. Molecular Biology of the Cell, 2015, 26, 238-255.	2.1	29
16	Regulation of Rho-GEF Rgf3 by the arrestin Art1 in fission yeast cytokinesis. Molecular Biology of the Cell, 2015, 26, 453-466.	2.1	22
17	Counting Molecules Within Cells. Colloquium Series on Quantitative Cell Biology, 2014, 1, 1-74.	0.5	4
18	Cell-size control: Complicated. Cell Cycle, 2014, 13, 693-694.	2.6	0

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19	Regulation of spindle pole body assembly and cytokinesis by the centrin-binding protein Sfi1 in fission yeast. Molecular Biology of the Cell, 2014, 25, 2735-2749.	2.1	31
20	Megadalton-node assembly by binding of Skb1 to the membrane anchor Slf1. Molecular Biology of the Cell, 2014, 25, 2660-2668.	2.1	8
21	Every laboratory with a fluorescence microscope should consider counting molecules. Molecular Biology of the Cell, 2014, 25, 1545-1548.	2.1	26
22	The novel proteins Rng8 and Rng9 regulate the myosin-V Myo51 during fission yeast cytokinesis. Journal of Cell Biology, 2014, 205, 357-375.	5.2	40
23	The formins Cdc12 and For3 cooperate during contractile ring assembly in cytokinesis. Journal of Cell Biology, 2013, 203, 101-114.	5.2	44
24	Cooperation between Rho-GEF Gef2 and its binding partner Nod1 in the regulation of fission yeast cytokinesis. Molecular Biology of the Cell, 2013, 24, 3187-3204.	2.1	34
25	Î±-Actinin and fimbrin cooperate with myosin II to organize actomyosin bundles during contractile-ring assembly. Molecular Biology of the Cell, 2012, 23, 3094-3110.	2.1	84
26	Roles of putative Rho-GEF Gef2 in division-site positioning and contractile-ring function in fission yeast cytokinesis. Molecular Biology of the Cell, 2012, 23, 1181-1195.	2.1	42
27	Characterization of Mid1 domains for targeting and scaffolding in fission yeast cytokinesis. Journal of Cell Science, 2012, 125, 2973-85.	2.0	36
28	Contractileâ€ring assembly in fission yeast cytokinesis: Recent advances and new perspectives. Cytoskeleton, 2012, 69, 751-763.	2.0	65
29	Counting protein molecules using quantitative fluorescence microscopy. Trends in Biochemical Sciences, 2012, 37, 499-506.	7.5	126
30	Model of myosin node aggregation into a contractile ring: the effect of local alignment. Journal of Physics Condensed Matter, 2011, 23, 374103.	1.8	21
31	CENP-A exceeds microtubule attachment sites in centromere clusters of both budding and fission yeast. Journal of Cell Biology, 2011, 195, 563-572.	5.2	126
32	Assembly and architecture of precursor nodes during fission yeast cytokinesis. Journal of Cell Biology, 2011, 192, 1005-1021.	5.2	167
33	Roles of the DYRK Kinase Pom2 in Cytokinesis, Mitochondrial Morphology, and Sporulation in Fission Yeast. PLoS ONE, 2011, 6, e28000.	2.5	9
34	Understanding cytokinesis: lessons from fission yeast. Nature Reviews Molecular Cell Biology, 2010, 11, 149-155.	37.0	295
35	Role of Septins in the Orientation of Forespore Membrane Extension during Sporulation in Fission Yeast. Molecular and Cellular Biology, 2010, 30, 2057-2074.	2.3	38
36	Cooperation Between the Septins and the Actomyosin Ring and Role of a Cell-Integrity Pathway During Cell Division in Fission Yeast. Genetics, 2010, 186, 897-915.	2.9	38

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37	Mechanisms of contractile-ring assembly in fission yeast and beyond. Seminars in Cell and Developmental Biology, 2010, 21, 892-898.	5.0	32
38	Roles of Formin Nodes and Myosin Motor Activity in Mid1p-dependent Contractile-Ring Assembly during Fission Yeast Cytokinesis. Molecular Biology of the Cell, 2009, 20, 5195-5210.	2.1	97
39	Chapter 9 Counting Proteins in Living Cells by Quantitative Fluorescence Microscopy with Internal Standards. Methods in Cell Biology, 2008, 89, 253-273.	1.1	59
40	Assembly Mechanism of the Contractile Ring for Cytokinesis by Fission Yeast. Science, 2008, 319, 97-100.	12.6	346
41	Molecular basis of cytokinesis in fission yeast. FASEB Journal, 2008, 22, 115.2.	0.5	0
42	Assembly of the cytokinetic contractile ring from a broad band of nodes in fission yeast. Journal of Cell Biology, 2006, 174, 391-402.	5.2	243
43	Profilin-mediated Competition between Capping Protein and Formin Cdc12p during Cytokinesis in Fission Yeast. Molecular Biology of the Cell, 2005, 16, 2313-2324.	2.1	110
44	Counting Cytokinesis Proteins Globally and Locally in Fission Yeast. Science, 2005, 310, 310-314.	12.6	531
45	Spatial and Temporal Pathway for Assembly and Constriction of the Contractile Ring in Fission Yeast Cytokinesis. Developmental Cell, 2003, 5, 723-734.	7.0	363
46	Roles of a Fimbrin and an Î±-Actinin-like Protein in Fission Yeast Cell Polarization and Cytokinesis. Molecular Biology of the Cell, 2001, 12, 1061-1077.	2.1	149
47	Heterologous modules for efficient and versatile PCR-based gene targeting inSchizosaccharomyces pombe. Yeast, 1998, 14, 943-951.	1.7	2,105
48	Heterologous modules for efficient and versatile PCR-based gene targeting in Schizosaccharomyces pombe. , 1998, 14, 943.		11
49	Heterologous modules for efficient and versatile PCRâ€based gene targeting in Schizosaccharomyces pombe. Yeast, 1998, 14, 943-951.	1.7	7