Sue L Jaspersen

List of Publications by Year
in descending order

52 papers	2,784 citations	201674 27 h-index	197818 49 g-index
75 all docs	75 docs citations	75 times ranked	2472 citing authors

#	Article	IF	Citations
1	THE BUDDING YEAST SPINDLE POLE BODY: Structure, Duplication, and Function. Annual Review of Cell and Developmental Biology, 2004, 20, 1-28.	9.4	256
2	The Polo-related kinase Cdc5 activates and is destroyed by the mitotic cyclin destruction machinery in S. cerevisiae. Current Biology, 1998, 8, 497-507.	3.9	233
3	Cdc14 activates Cdc15 to promote mitotic exit in budding yeast. Current Biology, 2000, 10, 615-618.	3.9	163
4	Telomere anchoring at the nuclear periphery requires the budding yeast Sad1-UNC-84 domain protein Mps3. Journal of Cell Biology, 2007, 179, 845-854.	5.2	163
5	Mps3p is a novel component of the yeast spindle pole body that interacts with the yeast centrin homologue Cdc31p. Journal of Cell Biology, 2002, 159, 945-956.	5.2	146
6	The Sad1-UNC-84 homology domain in Mps3 interacts with Mps2 to connect the spindle pole body with the nuclear envelope. Journal of Cell Biology, 2006, 174, 665-675.	5.2	133
7	wtf genes are prolific dual poison-antidote meiotic drivers. ELife, 2017, 6, .	6.0	106
8	Destination: inner nuclear membrane. Trends in Cell Biology, 2014, 24, 221-229.	7.9	105
9	Mitotic Transcriptional Activation: Clearance of Actively Engaged Pol II via Transcriptional Elongation Control in Mitosis. Molecular Cell, 2015, 60, 435-445.	9.7	102
10	The SUN Protein Mps3 Is Required for Spindle Pole Body Insertion into the Nuclear Membrane and Nuclear Envelope Homeostasis. PLoS Genetics, 2011, 7, e1002365.	3.5	89
11	A Cell Cycle Phosphoproteome of the Yeast Centrosome. Science, 2011, 332, 1557-1561.	12.6	88
12	Comprehensive structure and functional adaptations of the yeast nuclear pore complex. Cell, 2022, 185, 361-378.e25.	28.9	87
13	Whole-Genome Analysis of Individual Meiotic Events in <i>Drosophila melanogaster</i> Reveals That Noncrossover Gene Conversions Are Insensitive to Interference and the Centromere Effect. Genetics, 2016, 203, 159-171.	2.9	84
14	Analysis of membrane proteins localizing to the inner nuclear envelope in living cells. Journal of Cell Biology, 2016, 215, 575-590.	5.2	78
15	Manipulating the Yeast Genome: Deletion, Mutation, and Tagging by PCR. Methods in Molecular Biology, 2014, 1205, 45-78.	0.9	69
16	Cdc28/Cdk1 Regulates Spindle Pole Body Duplication through Phosphorylation of Spc42 and Mps1. Developmental Cell, 2004, 7, 263-274.	7.0	65
17	Structured illumination with particle averaging reveals novel roles for yeast centrosome components during duplication. ELife, 2015, 4, .	6.0	64
18	Breaking down the wall: the nuclear envelope during mitosis. Current Opinion in Cell Biology, 2014, 26, 1-9.	5.4	63

#	Article	IF	Citations
19	Nuclear envelope insertion of spindle pole bodies and nuclear pore complexes. Nucleus, 2012, 3, 226-236.	2.2	60
20	Big Lessons from Little Yeast: Budding and Fission Yeast Centrosome Structure, Duplication, and Function. Annual Review of Genetics, 2017, 51, 361-383.	7.6	52
21	Targeting of the SUN protein Mps3 to the inner nuclear membrane by the histone variant H2A.Z. Journal of Cell Biology, 2011, 193, 489-507.	5.2	51
22	The SUN protein Mps3 controls Ndc1 distribution and function on the nuclear membrane. Journal of Cell Biology, 2014, 204, 523-539.	5.2	50
23	TheSaccharomyces cerevisiaeSpindle Pole Body (SPB) Component Nbp1p Is Required for SPB Membrane Insertion and Interacts with the Integral Membrane Proteins Ndc1p and Mps2p. Molecular Biology of the Cell, 2006, 17, 1959-1970.	2.1	42
24	Molecular model of fission yeast centrosome assembly determined by superresolution imaging. Journal of Cell Biology, 2017, 216, 2409-2424.	5.2	41
25	Changes in the Nuclear Envelope Environment Affect Spindle Pole Body Duplication in Saccharomyces cerevisiae. Genetics, 2010, 186, 867-883.	2.9	40
26	Licensing of Yeast Centrosome Duplication Requires Phosphoregulation of Sfi1. PLoS Genetics, 2014, 10, e1004666.	3.5	37
27	Yeast centrosome components form a noncanonical LINC complex at the nuclear envelope insertion site. Journal of Cell Biology, 2019, 218, 1478-1490.	5.2	33
28	Genetic Analysis of Mps3 SUN Domain Mutants in Saccharomyces cerevisiae Reveals an Interaction with the SUN-Like Protein Slp1. G3: Genes, Genomes, Genetics, 2012, 2, 1703-1718.	1.8	32
29	Factors promoting nuclear envelope assembly independent of the canonical ESCRT pathway. Journal of Cell Biology, 2020, 219, .	5.2	29
30	Integrity and Function of the<i>Saccharomyces cerevisiae</i>Spindle Pole Body Depends on Connections Between the Membrane Proteins Ndc1, Rtn1, and Yop1. Genetics, 2012, 192, 441-455.	2.9	27
31	Distribution of Proteins at the Inner Nuclear Membrane Is Regulated by the Asi1 E3 Ligase in <i>Saccharomyces cerevisiae</i>. Genetics, 2019, 211, 1269-1282.	2.9	25
32	Patrolling the nucleus: inner nuclear membrane-associated degradation. Current Genetics, 2019, 65, 1099-1106.	1.7	24
33	Anatomy of the fungal microtubule organizing center, the spindle pole body. Current Opinion in Structural Biology, 2021, 66, 22-31.	5.7	14
34	Quantitative analysis of nuclear pore complex organization in <i>Schizosaccharomyces pombe</i>. Life Science Alliance, 2022, 5, e202201423.	2.8	13
35	Sec66-Dependent Regulation of Yeast Spindle-Pole Body Duplication Through Pom152. Genetics, 2015, 201, 1479-1495.	2.9	11
36	Functional Analysis of the Yeast LINC Complex Using Fluctuation Spectroscopy and Super-Resolution Imaging. Methods in Molecular Biology, 2018, 1840, 137-161.	0.9	10

#	Article	IF	Citations
37	SWR1-Independent Association of H2A.Z to the LINC Complex Promotes Meiotic Chromosome Motion. Frontiers in Cell and Developmental Biology, 2020, 8, 594092.	3.7	10
38	Pushing and Pulling: Microtubules Mediate Meiotic Pairing and Synapsis. Cell, 2009, 139, 861-863.	28.9	9
39	The budding yeast RSC complex maintains ploidy by promoting spindle pole body insertion. Journal of Cell Biology, 2018, 217, 2445-2462.	5.2	9
40	High-Throughput Identification of Nuclear Envelope Protein Interactions in<i>Schizosaccharomyces pombe</i>Using an Arrayed Membrane Yeast-Two Hybrid Library. G3: Genes, Genomes, Genetics, 2020, 10, 4649-4663.	1.8	9
41	Structure and function of Spc42 coiled-coils in yeast centrosome assembly and duplication. Molecular Biology of the Cell, 2019, 30, 1505-1522.	2.1	7
42	Redistribution of centrosomal proteins by centromeres and Polo kinase controls partial nuclear envelope breakdown in fission yeast. Molecular Biology of the Cell, 2021, 32, 1487-1500.	2.1	6
43	Orderly assembly underpinning built-in asymmetry in the yeast centrosome duplication cycle requires cyclin-dependent kinase. ELife, 2020, 9, .	6.0	5
44	The role of gene dosage in budding yeast centrosome scaling and spontaneous diploidization. PLoS Genetics, 2020, 16, e1008911.	3.5	5
45	Meiotic Pairing as a Polo Match. Developmental Cell, 2011, 21, 805-806.	7.0	4
46	The half-bridge component Kar1 promotes centrosome separation and duplication during budding yeast meiosis. Molecular Biology of the Cell, 2018, 29, 1798-1810.	2.1	4
47	To Make a Long Spindle Short: Nuclear Envelope Breakdown during Meiosis. Cell Reports, 2018, 23, 931-932.	6.4	3
48	Key phosphorylation events in Spc29 and Spc42 guide multiple steps of yeast centrosome duplication. Molecular Biology of the Cell, 2018, 29, 2280-2291.	2.1	3
49	A distinct inner nuclear membrane proteome in<i>Saccharomyces cerevisiae</i>gametes. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3
50	Super-resolution Microscopy-based Bimolecular Fluorescence Complementation to Study Protein Complex Assembly and Co-localization. Bio-protocol, 2020, 10, e3524.	0.4	2
51	A mutation in budding yeast affecting nuclear envelope insertion of the spindle pole body. MicroPublication Biology, 2021, 2021, .	0.1	1
52	Split-GFP Complementation to Study the Nuclear Membrane Proteome Using Microscopy. Methods in Molecular Biology, 2022, 2502, 205-213.	0.9	0