

Silke Hauf

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,181
citations

361413

20
h-index

377865

34
g-index

46
all docs

46
docs citations

46
times ranked

3895
citing authors

#	ARTICLE	IF	CITATIONS
1	The small molecule Hesperadin reveals a role for Aurora B in correcting kinetochore–microtubule attachment and in maintaining the spindle assembly checkpoint. <i>Journal of Cell Biology</i> , 2003, 161, 281-294.	5.2	1,098
2	Two Distinct Pathways Remove Mammalian Cohesin from Chromosome Arms in Prophase and from Centromeres in Anaphase. <i>Cell</i> , 2000, 103, 399-410.	28.9	667
3	Cohesin Cleavage by Separase Required for Anaphase and Cytokinesis in Human Cells. <i>Science</i> , 2001, 293, 1320-1323.	12.6	458
4	Dissociation of Cohesin from Chromosome Arms and Loss of Arm Cohesion during Early Mitosis Depends on Phosphorylation of SA2. <i>PLoS Biology</i> , 2005, 3, e69.	5.6	382
5	Human Bub1 Defines the Persistent Cohesion Site along the Mitotic Chromosome by Affecting Shugoshin Localization. <i>Current Biology</i> , 2005, 15, 353-359.	3.9	233
6	Regulation of Sister Chromatid Cohesion between Chromosome Arms. <i>Current Biology</i> , 2004, 14, 1187-1193.	3.9	199
7	Shugoshin enables tension-generating attachment of kinetochores by loading Aurora to centromeres. <i>Genes and Development</i> , 2007, 21, 420-435.	5.9	177
8	Absolute Proteome and Phosphoproteome Dynamics during the Cell Cycle of <i>Schizosaccharomyces pombe</i> (Fission Yeast). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1925-1936.	3.8	141
9	Kinetochore Orientation in Mitosis and Meiosis. <i>Cell</i> , 2004, 119, 317-327.	28.9	108
10	Mitotic Substrates of the Kinase Aurora with Roles in Chromatin Regulation Identified Through Quantitative Phosphoproteomics of Fission Yeast. <i>Science Signaling</i> , 2011, 4, rs6.	3.6	105
11	Determinants of robustness in spindle assembly checkpoint signalling. <i>Nature Cell Biology</i> , 2013, 15, 1328-1339.	10.3	92
12	Aurora controls sister kinetochore mono-orientation and homolog bi-orientation in meiosis-I. <i>EMBO Journal</i> , 2007, 26, 4475-4486.	7.8	90
13	Repositioning of Aurora B Promoted by Chiasmata Ensures Sister Chromatid Mono-Orientation in Meiosis I. <i>Developmental Cell</i> , 2011, 21, 534-545.	7.0	60
14	Mad1 contribution to spindle assembly checkpoint signalling goes beyond presenting $\langle scp \rangle M \langle /scp \rangle$ ad2 at kinetochores. <i>EMBO Reports</i> , 2014, 15, 291-298.	4.5	57
15	Mph1 kinetochore localization is crucial and upstream in the hierarchy of spindle assembly checkpoint protein recruitment to kinetochores. <i>Journal of Cell Science</i> , 2012, 125, 4720-7.	2.0	46
16	Bub1 and Bub3 promote the conversion from monopolar to bipolar chromosome attachment independently of shugoshin. <i>EMBO Reports</i> , 2009, 10, 1022-1028.	4.5	38
17	Robust Ordering of Anaphase Events by Adaptive Thresholds and Competing Degradation Pathways. <i>Molecular Cell</i> , 2015, 60, 446-459.	9.7	36
18	Time To Split Up: Dynamics of Chromosome Separation. <i>Trends in Cell Biology</i> , 2017, 27, 42-54.	7.9	25

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19	Strategies for the identification of kinase substrates using analog-sensitive kinases. <i>European Journal of Cell Biology</i> , 2010, 89, 184-193.	3.6	24
20	A Chemical Genetic Approach for Covalent Inhibition of Analogue-Sensitive Aurora Kinase. <i>ACS Chemical Biology</i> , 2012, 7, 723-731.	3.4	24
21	Different Functionality of Cdc20 Binding Sites within the Mitotic Checkpoint Complex. <i>Current Biology</i> , 2017, 27, 1213-1220.	3.9	22
22	The spindle assembly checkpoint: progress and persistent puzzles. <i>Biochemical Society Transactions</i> , 2013, 41, 1755-1760.	3.4	19
23	Slow Checkpoint Activation Kinetics as a Safety Device in Anaphase. <i>Current Biology</i> , 2014, 24, 646-651.	3.9	17
24	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Technology in Fission Yeast. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.top079814.	0.3	9
25	Pomegranate: 2D segmentation and 3D reconstruction for fission yeast and other radially symmetric cells. <i>Scientific Reports</i> , 2020, 10, 16580.	3.3	9
26	MEMO: multi-experiment mixture model analysis of censored data. <i>Bioinformatics</i> , 2016, 32, 2464-2472.	4.1	7
27	Micromanaging checkpoint proteins. <i>ELife</i> , 2017, 6, .	6.0	7
28	Implications of alternative routes to APC/C inhibition by the mitotic checkpoint complex. <i>PLoS Computational Biology</i> , 2018, 14, e1006449.	3.2	6
29	Mutation and selection explain why many eukaryotic centromeric DNA sequences are often A+T rich. <i>Nucleic Acids Research</i> , 2022, 50, 579-596.	14.5	6
30	Mitotic checkpoint gene expression is tuned by codon usage bias. <i>EMBO Journal</i> , 2022, 41, .	7.8	6
31	Construction, Growth, and Harvesting of Fission Yeast Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Strains. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091678.	0.3	5
32	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC)-Based Quantitative Proteomics and Phosphoproteomics in Fission Yeast. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091686.	0.3	3
33	Fine Tuning of Kinetochor Function by Phosphorylation. <i>Cell Cycle</i> , 2003, 2, 227-228.	2.6	1
34	Mps1 Checks Up on Chromosome Attachment. <i>Cell</i> , 2008, 132, 181-182.	28.9	1
35	Cdc48 influence on separase levels is independent of mitosis and suggests translational sensitivity of separase. <i>Cell Reports</i> , 2022, 38, 110554.	6.4	0