

Yanchang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/852740/publications.pdf>

Version: 2024-02-01

51
papers

1,759
citations

279798

23
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

2379
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of the Bub2/Bfa1 GAP Complex by Cdc5 and Cell Cycle Checkpoints. <i>Cell</i> , 2001, 107, 655-665.	28.9	235
2	The mitotic spindle is required for loading of the DASH complex onto the kinetochore. <i>Genes and Development</i> , 2002, 16, 183-197.	5.9	161
3	Pds1 phosphorylation in response to DNA damage is essential for its DNA damage checkpoint function. <i>Genes and Development</i> , 2001, 15, 1361-1372.	5.9	121
4	The Bfa1/Bub2 GAP complex comprises a universal checkpoint required to prevent mitotic exit. <i>Current Biology</i> , 2000, 10, 1379-1382.	3.9	93
5	14-3-3 targets chaperone-associated misfolded proteins to aggresomes. <i>Journal of Cell Science</i> , 2013, 126, 4173-86.	2.0	87
6	Exit from Exit. <i>Cell</i> , 2003, 112, 697-709.	28.9	73
7	Phosphatase 2A Negatively Regulates Mitotic Exit in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 80-89.	2.1	65
8	DH166, a beta-carboline derivative, inhibits the kinase activity of PLK1. <i>Cancer Biology and Therapy</i> , 2009, 8, 2374-2383.	3.4	51
9	Jadomycin B, an Aurora-B kinase inhibitor discovered through virtual screening. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2386-2393.	4.1	48
10	The Function and Regulation of Budding Yeast Swe1 in Response to Interrupted DNA Synthesis. <i>Molecular Biology of the Cell</i> , 2006, 17, 2746-2756.	2.1	45
11	DH334, a β -carboline anti-cancer drug, Inhibits the CDK activity of budding yeast. <i>Cancer Biology and Therapy</i> , 2007, 6, 1204-1210.	3.4	45
12	The current view for the silencing of the spindle assembly checkpoint. <i>Cell Cycle</i> , 2014, 13, 1694-1701.	2.6	43
13	DNA Damage Checkpoints Inhibit Mitotic Exit by Two Different Mechanisms. <i>Molecular and Cellular Biology</i> , 2007, 27, 5067-5078.	2.3	38
14	Temporal control of the dephosphorylation of Cdk substrates by mitotic exit pathways in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16177-16182.	7.1	35
15	The signaling network that silences the spindle assembly checkpoint upon the establishment of chromosome bipolar attachment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21036-21041.	7.1	34
16	Identification of antituberculosis agents that target ribosomal protein interactions using a yeast two-hybrid system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17412-17417.	7.1	33
17	A Series of Beta-Carboline Derivatives Inhibit the Kinase Activity of PLKs. <i>PLoS ONE</i> , 2012, 7, e46546.	2.5	33
18	Pds1/Esp1-dependent and -independent sister chromatid separation in mutants defective for protein phosphatase 2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16290-16295.	7.1	31

#	ARTICLE	IF	CITATIONS
19	The Antituberculosis Antibiotic Capreomycin Inhibits Protein Synthesis by Disrupting Interaction between Ribosomal Proteins L12 and L10. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2038-2044.	3.2	31
20	The yeast SUMO isopeptidase Smt4/Ulp2 and the Polo Kinase Cdc5 act in an opposing fashion to regulate sumoylation in mitosis and cohesion at centromeres. <i>Cell Cycle</i> , 2009, 8, 3406-3419.	2.6	30
21	Slk19 clusters kinetochores and facilitates chromosome bipolar attachment. <i>Molecular Biology of the Cell</i> , 2013, 24, 566-577.	2.1	30
22	The Coordination of Centromere Replication, Spindle Formation, and Kinetochores' Microtubule Interaction in Budding Yeast. <i>PLoS Genetics</i> , 2008, 4, e1000262.	3.5	27
23	Ubiquilin/Dsk2 promotes inclusion body formation and vacuole (lysosome)-mediated disposal of mutated huntingtin. <i>Molecular Biology of the Cell</i> , 2016, 27, 2025-2036.	2.1	27
24	Identification of an anti-Gram-negative bacteria agent disrupting the interaction between lipopolysaccharide transporters LptA and LptC. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 442-448.	2.5	27
25	The Molecular Function of the Yeast Polo-like Kinase Cdc5 in Cdc14 Release during Early Anaphase. <i>Molecular Biology of the Cell</i> , 2009, 20, 3671-3679.	2.1	22
26	Loss of Function of the Cik1/Kar3 Motor Complex Results in Chromosomes with Syntelic Attachment That Are Sensed by the Tension Checkpoint. <i>PLoS Genetics</i> , 2012, 8, e1002492.	3.5	22
27	The Cdc48 Complex Alleviates the Cytotoxicity of Misfolded Proteins by Regulating Ubiquitin Homeostasis. <i>Cell Reports</i> , 2020, 32, 107898.	6.4	22
28	DH334, a beta-carboline anti-cancer drug, inhibits the CDK activity of budding yeast. <i>Cancer Biology and Therapy</i> , 2007, 6, 1193-9.	3.4	21
29	Identification of a Compound That Inhibits the Growth of Gram-Negative Bacteria by Blocking BamA's BamD Interaction. <i>Frontiers in Microbiology</i> , 2020, 11, 1252.	3.5	20
30	Identification of a novel Polo-like kinase 1 inhibitor that specifically blocks the functions of Polo-Box domain. <i>Oncotarget</i> , 2017, 8, 1234-1246.	1.8	20
31	Fin1-PP1 Helps Clear Spindle Assembly Checkpoint Protein Bub1 from Kinetochores in Anaphase. <i>Cell Reports</i> , 2016, 14, 1074-1085.	6.4	18
32	Replicative Stress Induces Intragenic Transcription of the ASE1 Gene that Negatively Regulates Ase1 Activity. <i>Current Biology</i> , 2014, 24, 1101-1106.	3.9	17
33	The absence of specific yeast heat-shock proteins leads to abnormal aggregation and compromised autophagic clearance of mutant Huntingtin proteins. <i>PLoS ONE</i> , 2018, 13, e0191490.	2.5	16
34	Identification of New Antifungal Agents Targeting Chitin Synthesis by a Chemical-Genetic Method. <i>Molecules</i> , 2019, 24, 3155.	3.8	15
35	The Cik1/Kar3 Motor Complex Is Required for the Proper Kinetochores' Microtubule Interaction After Stressful DNA Replication. <i>Genetics</i> , 2011, 187, 397-407.	2.9	14
36	The Cytotoxicity and Clearance of Mutant Huntingtin and Other Misfolded Proteins. <i>Cells</i> , 2021, 10, 2835.	4.1	13

#	ARTICLE	IF	CITATIONS
37	Premature Silencing of the Spindle Assembly Checkpoint Is Prevented by the Bub1-H2A-Sgo1-PP2A Axis in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2017, 205, 1169-1178.	2.9	12
38	Coordination of Chromatid Separation and Spindle Elongation by Antagonistic Activities of Mitotic and S-Phase CDKs. <i>PLoS Genetics</i> , 2013, 9, e1003319.	3.5	11
39	The phosphorylation of a kinetochore protein Dam1 by Aurora B/Ipl1 kinase promotes chromosome bipolar attachment in yeast. <i>Scientific Reports</i> , 2017, 7, 11880.	3.3	11
40	Budding Yeast DNA Damage Adaptation Mutants Exhibit Defects in Mitotic Exit. <i>Cell Cycle</i> , 2006, 5, 2914-2919.	2.6	9
41	Spindle assembly checkpoint silencing and beyond. <i>Cell Cycle</i> , 2016, 15, 1661-1662.	2.6	9
42	Identification of anti-Gram-negative bacteria agents targeting the interaction between ribosomal proteins L12 and L10. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 772-783.	12.0	8
43	The Opposing Functions of Protein Kinases and Phosphatases in Chromosome Bipolar Attachment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6182.	4.1	7
44	A robust high-throughput fluorescence polarization assay for rapid screening of SARS-CoV-2 papain-like protease inhibitors. <i>Virology</i> , 2022, 574, 18-24.	2.4	6
45	The multilayer regulation of the metaphase-to-anaphase transition. <i>Cell Cycle</i> , 2009, 8, 700-704.	2.6	5
46	Yeast Fin1-PP1 dephosphorylates an Ipl1 substrate, Ndc80, to remove Bub1-Bub3 checkpoint proteins from the kinetochore during anaphase. <i>PLoS Genetics</i> , 2021, 17, e1009592.	3.5	5
47	Chromosome instability in yeast and its implications to the study of human cancer. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 2091.	3.0	5
48	Yeast Kinesin-5 Motor Protein CIN8 Promotes Accurate Chromosome Segregation. <i>Cells</i> , 2022, 11, 2144.	4.1	3
49	A new layer of regulation is required to silence the DNA damage checkpoint. <i>Cell Cycle</i> , 2010, 9, 3642-3647.	2.6	2
50	A small molecule, MTBT, prevents cancer cell growth by activating p38 MAPK. <i>Anti-Cancer Drugs</i> , 2014, 25, 423-432.	1.4	2
51	Protein phosphatase 2A (PP2A) promotes anaphase entry after DNA replication stress in budding yeast. <i>Molecular Biology of the Cell</i> , 2021, 32, ar36.	2.1	1