Rey-Huei Chen

List of Publications by Year
in descending order

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28 papers	3,183 citations	361413 20 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	2926 citing authors

#	Article	IF	Citations
1	Molecular interpretation of ERK signal duration by immediate early gene products. Nature Cell Biology, 2002, 4, 556-564.	10.3	823
2	Localization of Mad2 to Kinetochores Depends on Microtubule Attachment, Not Tension. Journal of Cell Biology, 1998, 141, 1181-1191.	5.2	440
3	Spindle Checkpoint Protein Xmad1 Recruits Xmad2 to Unattached Kinetochores. Journal of Cell Biology, 1998, 143, 283-295.	5.2	295
4	Microinjection of Antibody to Mad2 Protein into Mammalian Cells in Mitosis Induces Premature Anaphase. Journal of Cell Biology, 1998, 141, 1193-1205.	5.2	211
5	Spindle Checkpoint Protein Bub1 Is Required for Kinetochore Localization of Mad1, Mad2, Bub3, and Cenp-E, Independently of Its Kinase Activity. Journal of Cell Biology, 2001, 153, 1239-1250.	5.2	210
6	BubR1 is essential for kinetochore localization of other spindle checkpoint proteins and its phosphorylation requires Mad1. Journal of Cell Biology, 2002, 158, 487-496.	5.2	172
7	The Spindle Checkpoint of Budding Yeast Depends on a Tight Complex between the Mad1 and Mad2 Proteins. Molecular Biology of the Cell, 1999, 10, 2607-2618.	2.1	160
8	Phosphorylation of Cdc20 is required for its inhibition by the spindle checkpoint. Nature Cell Biology, 2003, 5, 748-753.	10.3	135
9	Spindle Checkpoint Requires Mad1-bound and Mad1-free Mad2. Molecular Biology of the Cell, 2002, 13, 1501-1511.	2.1	118
10	Spindle checkpoint regulates Cdc20p stability in Saccharomyces cerevisiae. Genes and Development, 2004, 18, 1439-1451.	5.9	116
11	Mps1 Phosphorylation by MAP Kinase Is Required for Kinetochore Localization of Spindle-Checkpoint Proteins. Current Biology, 2006, 16, 1764-1769.	3.9	66
12	Phosphorylation and activation of Bub1 on unattached chromosomes facilitate the spindle checkpoint. EMBO Journal, 2004, 23, 3113-3121.	7.8	63
13	Mad2 binding by phosphorylated kinetochores links error detection and checkpoint action in mitosis. Current Biology, 1999, 9, 649-652.	3.9	55
14	Lesions in Many Different Spindle Components Activate the Spindle Checkpoint in the Budding Yeast Saccharomyces cerevisiae. Genetics, 1999, 152, 509-518.	2.9	53
15	Temporal control of nuclear envelope assembly by phosphorylation of lamin B receptor. Molecular Biology of the Cell, 2011, 22, 3306-3317.	2.1	45
16	The AAA-ATPase Cdc48 and cofactor Shp1 promote chromosome bi-orientation by balancing Aurora B activity. Journal of Cell Science, 2010, 123, 2025-2034.	2.0	39
17	Cytoplasmic to nuclear signal transduction by mitogen-activated protein kinase and 90 kDa ribosomal S6 kinase. Biochemical Society Transactions, 1993, 21, 895-900.	3.4	31
18	Lipid droplets maintain lipid homeostasis during anaphase for efficient cell separation in budding yeast. Molecular Biology of the Cell, 2016, 27, 2368-2380.	2.1	31

#	Article	IF	Citations
19	Lipid droplets are central organelles for meiosis II progression during yeast sporulation. Molecular Biology of the Cell, 2017, 28, 440-451.	2.1	26
20	Assembly and quality control of protein phosphatase 1 holoenzyme involve Cdc48-Shp1 chaperone. Journal of Cell Science, 2015, 128, 1180-92.	2.0	24
21	Characterization of spindle assembly checkpoint in Xenopus egg extracts. Methods in Enzymology, 1997, 283, 571-584.	1.0	19
22	Dual inhibition of Cdc20 by the spindle checkpoint. Journal of Biomedical Science, 2007, 14, 475-479.	7.0	14
23	Cdc48 and Cofactors Npl4-Ufd1 Are Important for G1 Progression during Heat Stress by Maintaining Cell Wall Integrity in Saccharomyces cerevisiae. PLoS ONE, 2011, 6, e18988.	2.5	13
24	Cdc48 Chaperone and Adaptor Ubx4 Distribute the Proteasome in the Nucleus for Anaphase Proteolysis. Journal of Biological Chemistry, 2013, 288, 37180-37191.	3.4	10
25	Human ASPL/TUG interacts with p97 and complements the proteasome mislocalization of a yeast ubx4 mutant, but not the ER-associated degradation defect. BMC Cell Biology, 2014, 15, 31.	3.0	10
26	Chromosome detachment from the nuclear envelope is required for genomic stability in closed mitosis. Molecular Biology of the Cell, 2019, 30, 1578-1586.	2.1	2
27	The spindle checkpoint in Xenopus Laevis. Frontiers in Bioscience - Landmark, 2008, 13, 2231.	3.0	2
28	Introduction for special issue. Journal of Biomedical Science, 2007, 14, 451-451.	7.0	0