Won-Ki Huh

List of Publications by Year
in descending order

32 papers	5,229 citations	471509 17 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	6872 citing authors

#	Article	IF	Citations
1	Global analysis of protein localization in budding yeast. Nature, 2003, 425, 686-691.	27.8	3,884
2	Copper- and zinc-containing superoxide dismutase (Cu/ZnSOD) is required for the protection of Candida albicans against oxidative stresses and the expression of its full virulence. Microbiology (United Kingdom), 2002, 148, 3705-3713.	1.8	248
3	Bimolecular Fluorescence Complementation (BiFC) Analysis: Advances and Recent Applications for Genome-Wide Interaction Studies. Journal of Molecular Biology, 2015, 427, 2039-2055.	4.2	207
4	Bimolecular fluorescence complementation analysis system forin vivo detection of proteinâ€“protein interaction inSaccharomyces cerevisiae. Yeast, 2007, 24, 767-775.	1.7	173
5	D-Erythroascorbic acid is an important antioxidant molecule inSaccharomyces cerevisiae. Molecular Microbiology, 1998, 30, 895-903.	2.5	105
6	Characterization of the gene family encoding alternative oxidase from Candida albicans. Biochemical Journal, 2001, 356, 595-604.	3.7	85
7	Rapamycin increases rDNA stability by enhancing association of Sir2 with rDNA in Saccharomyces cerevisiae. Nucleic Acids Research, 2011, 39, 1336-1350.	14.5	70
8	Characterisation of D-Arabinono-1,4-Lactone Oxidase from Candida albicans ATCC 10231. FEBS Journal, 1994, 225, 1073-1079.	0.2	65
9	Genome-wide bimolecular fluorescence complementation analysis of SUMO interactome in yeast. Genome Research, 2013, 23, 736-746.	5.5	48
10	A vector system for efficient and economical switching of Câ€terminal epitope tags in Saccharomyces cerevisiae. Yeast, 2008, 25, 301-311.	1.7	40
11	Targeted knockout of a chemokine-like gene increases anxiety and fear responses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1041-E1050.	7.1	39
12	Phosphoregulation of Rad51/Rad52 by CDK1 functions as a molecular switch for cell cycleâ€specific activation of homologous recombination. Science Advances, 2020, 6, eaay2669.	10.3	30
13	Mitochondrial dysfunction reduces yeast replicative lifespan by elevating RAS-dependent ROS production by the ER-localized NADPH oxidase Yno1. PLoS ONE, 2018, 13, e0198619.	2.5	28
14	Bidirectional regulation between TORC1 and autophagy inSaccharomyces cerevisiae. Autophagy, 2011, 7, 854-862.	9.1	22
15	The trehalose-6-phosphate phosphatase Tps2 regulates ATG8 transcription and autophagy in Saccharomyces cerevisiae. Autophagy, 2021, 17, 1013-1027.	9.1	22
16	Yap1 and Skn7 genetically interact with Rad51 in response to oxidative stress and DNA double-strand break in Saccharomyces cerevisiae. Free Radical Biology and Medicine, 2016, 101, 424-433.	2.9	21
17	UDP-glucose pyrophosphorylase Ugp1 is involved in oxidative stress response and long-term survival during stationary phase in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2015, 467, 657-663.	2.1	18
18	The Î²-1,3-glucanosyltransferase Gas1 regulates Sir2-mediated rDNA stability inSaccharomyces cerevisiae. Nucleic Acids Research, 2014, 42, 8486-8499.	14.5	17

#	Article	IF	Citations
19	d-Erythroascorbic acid activates cyanide-resistant respiration in Candida albicans. Biochemical and Biophysical Research Communications, 2008, 369, 401-406.	2.1	13
20	AdHTS: A high-throughput system for generating recombinant adenoviruses. Journal of Biotechnology, 2012, 162, 246-252.	3.8	13
21	Ksp1-dependent phosphorylation of eIF4G modulates post-transcriptional regulation of specific mRNAs under glucose deprivation conditions. Nucleic Acids Research, 2018, 46, 3047-3060.	14.5	13
22	Global analysis of protein homomerization in Saccharomyces cerevisiae. Genome Research, 2019, 29, 135-145.	5.5	12
23	Rad52 phosphorylation by Ipl1 and Mps1 contributes to Mps1 kinetochore localization and spindle assembly checkpoint regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9261-E9270.	7.1	10
24	The budding yeast RSC complex maintains ploidy by promoting spindle pole body insertion. Journal of Cell Biology, 2018, 217, 2445-2462.	5.2	9
25	PKA, PHO and stress response pathways regulate the expression of UDPâ€glucose pyrophosphorylase through Msn2/4 in budding yeast. FEBS Letters, 2015, 589, 2409-2416.	2.8	8
26	Monitoring G protein-coupled receptor activation using an adenovirus-based Î²-arrestin bimolecular fluorescence complementation assay. Analytical Biochemistry, 2014, 449, 32-41.	2.4	7
27	G2A Protects Mice against Sepsis by Modulating Kupffer Cell Activation: Cooperativity with Adenosine Receptor 2b. Journal of Immunology, 2019, 202, 527-538.	0.8	7
28	Characterization of Quinoxaline Derivatives of Dehydro-D-Erythroascorbic Acid. Journal of Carbohydrate Chemistry, 1996, 15, 1085-1095.	1.1	6
29	Loss of Smi1, a protein involved in cell wall synthesis, extends replicative life span by enhancing rDNA stability in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2021, 296, 100258.	3.4	4
30	Characterization of Enediol-Containing Tautomers of L-Xylosone. Journal of Carbohydrate Chemistry, 1996, 15, 1073-1083.	1.1	3
31	Analysis of the TORC1 interactome reveals a spatially distinct function of TORC1 in mRNP complexes. Journal of Cell Biology, 2021, 220, .	5.2	2
32	Loss of Smi1, a protein involved in cell wall synthesis, extends replicative lifespan by enhancing rDNA stability in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2021, , .	3.4	0