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List of Publications by Year
in descending order

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44 papers	3,056 citations	201674 27 h-index	243625 44 g-index
45 all docs	45 docs citations	45 times ranked	1764 citing authors

#	Article	IF	Citations
1	Huntingtin Polyglutamine Fragments Are a Substrate for Hsp104 in Saccharomyces cerevisiae. Molecular and Cellular Biology, 2021, 41, e0012221.	2.3	4
2	Yeast J-protein Sis1 prevents prion toxicity by moderating depletion of prion protein. Genetics, 2021, 219, .	2.9	9
3	Mutations Outside the Ure2 Amyloid-Forming Region Disrupt [URE3] Prion Propagation and Alter Interactions with Protein Quality Control Factors. Molecular and Cellular Biology, 2020, 40, .	2.3	4
4	Mutations in the Hsp90 N Domain Identify a Site that Controls Dimer Opening and Expand Human Hsp90Î± Function in Yeast. Journal of Molecular Biology, 2020, 432, 4673-4689.	4.2	3
5	Hsp70-nucleotide exchange factor (NEF) Fes1 has non-NEF roles in degradation of gluconeogenic enzymes and cell wall integrity. PLoS Genetics, 2019, 15, e1008219.	3.5	7
6	Functional and physical interaction between yeast Hsp90 and Hsp70. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2210-E2219.	7.1	80
7	Real-time imaging of yeast cells reveals several distinct mechanisms of curing of the [URE3] prion. Journal of Biological Chemistry, 2018, 293, 3104-3117.	3.4	13
8	Molecular dynamics simulations of Hsp40ÂJ-domain mutants identifies disruption of the critical HPD-motif as the key factor for impaired curingin vivoof the yeast prion [URE3]. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1764-1775.	3.5	5
9	Human DnaJB6 Antiamyloid Chaperone Protects Yeast from Polyglutamine Toxicity Separately from Spatial Segregation of Aggregates. Molecular and Cellular Biology, 2018, 38, .	2.3	10
10	Dual Roles for Yeast Sti1/Hop in Regulating the Hsp90 Chaperone Cycle. Genetics, 2018, 209, 1139-1154.	2.9	17
11	Hsp104 disaggregase at normal levels cures many [PSI+] prion variants in a process promoted by Sti1p, Hsp90, and Sis1p. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4193-E4202.	7.1	40
12	An Hsp90 co-chaperone protein in yeast is functionally replaced by site-specific posttranslational modification in humans. Nature Communications, 2017, 8, 15328.	12.8	31
13	Human J-protein DnaJB6b Cures a Subset of Saccharomyces cerevisiae Prions and Selectively Blocks Assembly of Structurally Related Amyloids. Journal of Biological Chemistry, 2016, 291, 4035-4047.	3.4	31
14	Yeast prions are useful for studying protein chaperones and protein quality control. Prion, 2015, 9, 174-183.	1.8	29
15	The BAG Homology Domain of Snl1 Cures Yeast Prion [URE3] Through Regulation of Hsp70 Chaperones. G3: Genes, Genomes, Genetics, 2014, 4, 461-470.	1.8	17
16	Hsp40s Specify Functions of Hsp104 and Hsp90 Protein Chaperone Machines. PLoS Genetics, 2014, 10, e1004720.	3.5	62
17	Uncovering a Region of Heat Shock Protein 90 Important for Client Binding in E.Âcoli and Chaperone Function in Yeast. Molecular Cell, 2013, 49, 464-473.	9.7	112
18	Schizosaccharomyces pombe Disaggregation Machinery Chaperones Support Saccharomyces cerevisiae Growth and Prion Propagation. Eukaryotic Cell, 2013, 12, 739-745.	3.4	15

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19	Prokaryotic Chaperones Support Yeast Prions and Thermotolerance and Define Disaggregation Machinery Interactions. Genetics, 2012, 192, 185-193.	2.9	58
20	Sequestration of Sup35 by Aggregates of huntingtin Fragments Causes Toxicity of [PSI+] Yeast. Journal of Biological Chemistry, 2012, 287, 23346-23355.	3.4	25
21	Perfecting precision of predicting prion propensity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6362-6363.	7.1	1
22	Modulation and elimination of yeast prions by protein chaperones and co-chaperones.. Prion, 2011, 5, 245-249.	1.8	25
23	Application of the FLP/FRT system for conditional gene deletion in yeast Saccharomyces cerevisiae. Yeast, 2011, 28, 673-681.	1.7	24
24	Modulation and elimination of yeast prions by protein chaperones and co-chaperones.. Prion, 2011, 5, 245-249.	1.8	36
25	Single methyl group determines prion propagation and protein degradation activities of yeast heat shock protein (Hsp)-70 chaperones Ssa1p and Ssa2p. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13665-13670.	7.1	55
26	Species-specific collaboration of heat shock proteins (Hsp) 70 and 100 in thermotolerance and protein disaggregation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6915-6920.	7.1	145
27	Functions of Yeast Hsp40 Chaperone Sis1p Dispensable for Prion Propagation but Important for Prion Curing and Protection From Prion Toxicity. Genetics, 2011, 188, 565-577.	2.9	65
28	Sti1 Regulation of Hsp70 and Hsp90 Is Critical for Curing of Saccharomyces cerevisiae [PSI⁺] Prions by Hsp104. Molecular and Cellular Biology, 2010, 30, 3542-3552.	2.3	69
29	Influence of Hsp70s and their regulators on yeast prion propagation. Prion, 2009, 3, 65-73.	1.8	45
30	Curing of Yeast [URE3] Prion by the Hsp40 Cochaperone Ydj1p Is Mediated by Hsp70. Genetics, 2009, 181, 129-137.	2.9	37
31	Hsp70 Structure, Function, Regulation and Influence on Yeast Prions. Protein and Peptide Letters, 2009, 16, 571-581.	0.9	120
32	Functionally Redundant Isoforms of a Yeast Hsp70 Chaperone Subfamily Have Different Antiprion Effects. Genetics, 2008, 179, 1301-1311.	2.9	71
33	Ure2p Function Is Enhanced by Its Prion Domain in Saccharomyces cerevisiae. Genetics, 2007, 176, 1557-1565.	2.9	72
34	N-Terminal Domain of Yeast Hsp104 Chaperone Is Dispensable for Thermotolerance and Prion Propagation but Necessary for Curing Prions by Hsp104 Overexpression. Genetics, 2006, 173, 611-620.	2.9	140
35	Primate Chaperones Hsc70 (Constitutive) and Hsp70 (Induced) Differ Functionally in Supporting Growth and Prion Propagation in Saccharomyces cerevisiae. Genetics, 2006, 172, 851-861.	2.9	52
36	Role for Hsp70 Chaperone in Saccharomyces cerevisiae Prion Seed Replication. Eukaryotic Cell, 2005, 4, 289-297.	3.4	91

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37	Independent Regulation of Hsp70 and Hsp90 Chaperones by Hsp70/Hsp90-organizing Protein Sti1 (Hop1). Journal of Biological Chemistry, 2005, 280, 34178-34185.	3.4	100
38	Propagation of Saccharomyces cerevisiae [PSI +] Prion Is Impaired by Factors That Regulate Hsp70 Substrate Binding. Molecular and Cellular Biology, 2004, 24, 3928-3937.	2.3	114
39	Saccharomyces cerevisiae Hsp70 Mutations Affect [PSI+] Prion Propagation and Cell Growth Differently and Implicate Hsp40 and Tetratricopeptide Repeat Cochaperones in Impairment of [PSI+]. Genetics, 2003, 163, 495-506.	2.9	96
40	Antagonistic Interactions between Yeast [PSI +] and [URE3] Prions and Curing of [URE3] by Hsp70 Protein Chaperone Ssa1p but Not by Ssa2p. Molecular and Cellular Biology, 2002, 22, 3590-3598.	2.3	178
41	Guanidine Hydrochloride Inhibits Hsp104 Activity In Vivo: A Possible Explanation for Its Effect in Curing Yeast Prions. Current Microbiology, 2001, 43, 7-10.	2.2	219
42	A Role for Cytosolic Hsp70 in Yeast [PSI+] Prion Propagation and [PSI+] as a Cellular Stress. Genetics, 2000, 156, 559-570.	2.9	197
43	[PSI] and [URE3] as yeast prions. Yeast, 1995, 11, 1671-1685.	1.7	162
44	Prion-Inducing Domain of Yeast Ure2p and Protease Resistance of Ure2p in Prion-Containing Cells. Science, 1995, 270, 93-95.	12.6	370