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List of Articles by Year in descending order

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PR citations

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5084

citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoplasmic redox imbalance in the thioredoxin system activates Hsf1 and results in hyperaccumulation of the sequestrase Hsp42 with misfolded proteins. <i>Molecular Biology of the Cell</i> , 2024, 35, .	2.5	1
2	Quantitative proteomic analysis reveals unique Hsp90 cycle-dependent client interactions. <i>Genetics</i> , 2024, 227, .	4.2	2
3	Redox regulation of proteostasis. <i>Journal of Biological Chemistry</i> , 2024, 300, 107977.	2.2	14
4	Identifying Interaction Partners of Yeast Protein Disulfide Isomerases Using a Small Thiol-Reactive Cross-Linker: Implications for Secretory Pathway Proteostasis. <i>Chemical Research in Toxicology</i> , 2022, 35, 326-336.	3.7	4
5	Oxidation of two cysteines within yeast Hsp70 impairs proteostasis while directly triggering an Hsf1-dependent cytoprotective response. <i>Journal of Biological Chemistry</i> , 2022, 298, 102424.	2.2	14
6	Disrupting progression of the yeast Hsp90 folding pathway at different transition points results in client-specific maturation defects. <i>Genetics</i> , 2021, 217, .	4.2	9
7	Suppression of aggregate and amyloid formation by a novel intrinsically disordered region in metazoan Hsp110 chaperones. <i>Journal of Biological Chemistry</i> , 2021, 296, 100567.	2.2	22
8	Mechanisms of sensing and response to proteotoxic stress. <i>Experimental Cell Research</i> , 2020, 395, 112240.	3.1	42
9	Understanding and exploiting interactions between cellular proteostasis pathways and infectious prion proteins for therapeutic benefit. <i>Open Biology</i> , 2020, 10, .	3.2	2
10	Aromatic Residues at the Dimer-Dimer Interface in the Peroxiredoxin Tsa1 Facilitate Decamer Formation and Biological Function. <i>Chemical Research in Toxicology</i> , 2019, 32, 474-483.	3.7	17
11	Regulation of the Hsf1-dependent transcriptome via conserved bipartite contacts with Hsp70 promotes survival in yeast. <i>Journal of Biological Chemistry</i> , 2019, 294, 12191-12202.	2.2	67
12	Thiol stress-dependent aggregation of the glycolytic enzyme triose phosphate isomerase in yeast and human cells. <i>Molecular Biology of the Cell</i> , 2019, 30, 554-565.	2.5	16
13	Roles of the nucleotide exchange factor and chaperone Hsp110 in cellular proteostasis and diseases of protein misfolding. <i>Biological Chemistry</i> , 2018, 399, 1215-1221.	2.1	26
14	Substrate binding by the yeast Hsp110 nucleotide exchange factor and molecular chaperone Sse1 is not obligate for its biological activities. <i>Molecular Biology of the Cell</i> , 2017, 28, 2066-2075.	2.5	41
15	Trapping redox partnerships in oxidant-sensitive proteins with a small, thiol-reactive cross-linker. <i>Free Radical Biology and Medicine</i> , 2016, 101, 356-366.	3.7	20
16	Semi-automated microplate monitoring of protein polymerization and aggregation. <i>Analytical Biochemistry</i> , 2016, 508, 9-11.	2.4	7
17	Unraveling Protein Misfolding Diseases Using Model Systems. <i>Future Science OA</i> , 2015, 1, .	1.8	4
18	Groupthink: chromosomal clustering during transcriptional memory. <i>Microbial Cell</i> , 2015, 2, 454-457.	3.0	0

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19	Anhydrobiosis: Drying Out with Sugar. <i>Current Biology</i> , 2014, 24, R1121-R1123.	3.6	22
20	Heat shock in the springtime. <i>Cell Stress and Chaperones</i> , 2014, 19, 753-761.	2.6	1
21	Hierarchical Functional Specificity of Cytosolic Heat Shock Protein 70 (Hsp70) Nucleotide Exchange Factors in Yeast. <i>Journal of Biological Chemistry</i> , 2014, 289, 13155-13167.	2.2	69
22	Bifunctional Electrophiles Cross-Link Thioredoxins with Redox Relay Partners in Cells. <i>Chemical Research in Toxicology</i> , 2013, 26, 490-497.	3.7	18
23	Coupled Assays for Monitoring Protein Refolding in <i>Saccharomyces cerevisiae</i> . <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	13
24	Coupled Assays for Monitoring Protein Refolding in <i>Saccharomyces cerevisiae</i> . <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	2
25	The yeast Hsp70 Ssa1 is a sensor for activation of the heat shock response by thiol-reactive compounds. <i>Molecular Biology of the Cell</i> , 2012, 23, 3290-3298.	2.5	68
26	A Lysine-Rich Region within Fungal BAG Domain-Containing Proteins Mediates a Novel Association with Ribosomes. <i>Eukaryotic Cell</i> , 2012, 11, 1003-1011.	2.7	32
27	Biology of the Heat Shock Response and Protein Chaperones: Budding Yeast (<i>Saccharomyces</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	7.1	533
28	Small Molecule Activators of the Heat Shock Response: Chemical Properties, Molecular Targets, and Therapeutic Promise. <i>Chemical Research in Toxicology</i> , 2012, 25, 2036-2053.	3.7	57
29	The Response to Heat Shock and Oxidative Stress in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2012, 190, 1157-1195.	4.2	637
30	Enhanced Toxicity of the Protein Cross-Linkers Divinyl Sulfone and Diethyl Acetylenedicarboxylate in Comparison to Related Monofunctional Electrophiles. <i>Chemical Research in Toxicology</i> , 2011, 24, 1457-1459.	3.7	30
31	Hsp110 Chaperones Control Client Fate Determination in the Hsp70/Hsp90 Chaperone System. <i>Molecular Biology of the Cell</i> , 2010, 21, 1439-1448.	2.5	64
32	Hsp90 Nuclear Accumulation in Quiescence Is Linked to Chaperone Function and Spore Development in Yeast. <i>Molecular Biology of the Cell</i> , 2010, 21, 63-72.	2.5	46
33	The Hsp110 protein chaperone Sse1 is required for yeast cell wall integrity and morphogenesis. <i>Current Genetics</i> , 2008, 54, 1-11.	1.5	39
34	Structure of the Hsp110:Hsc70 Nucleotide Exchange Machine. <i>Molecular Cell</i> , 2008, 31, 232-243.	13.3	219
35	Rtr1 Is the Homolog of a Novel Family of RNA Polymerase II-Binding Proteins. <i>Eukaryotic Cell</i> , 2008, 7, 938-948.	2.7	48
36	Activation of Heat Shock and Antioxidant Responses by the Natural Product Celastrol: Transcriptional Signatures of a Thiol-targeted Molecule. <i>Molecular Biology of the Cell</i> , 2008, 19, 1104-1112.	2.5	222

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37	The Role of Sse1 in the <i>de Novo</i> Formation and Variant Determination of the [PSI ⁺] Prion. <i>Genetics</i> , 2007, 177, 1583-1593.	4.2	81
38	New Tricks for an Old Dog. <i>Annals of the New York Academy of Sciences</i> , 2007, 1113, 1-14.	4.0	133
39	All in the family: atypical Hsp70 chaperones are conserved modulators of Hsp70 activity. <i>Cell Stress and Chaperones</i> , 2007, 12, 1.	2.6	81
40	Characterization of Hsp70 Binding and Nucleotide Exchange by the Yeast Hsp110 Chaperone Sse1. <i>Biochemistry</i> , 2006, 45, 15075-15084.	2.4	110
41	Functional Characterization of the Iron-regulatory Transcription Factor Fep1 from <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 25146-25161.	2.2	54
42	The Yeast Hsp110 Sse1 Functionally Interacts with the Hsp70 Chaperones Ssa and Ssb. <i>Journal of Biological Chemistry</i> , 2005, 280, 41262-41269.	2.2	98
43	The Molecular Chaperone Sse1 and the Growth Control Protein Kinase Sch9 Collaborate to Regulate Protein Kinase A Activity in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2005, 170, 1009-1021.	4.2	48
44	The Function of the Yeast Molecular Chaperone Sse1 Is Mechanistically Distinct from the Closely Related Hsp70 Family. <i>Journal of Biological Chemistry</i> , 2004, 279, 21992-22001.	2.2	91
45	Is the Stress-Induced <i>Saccharomyces cerevisiae</i> Ortholog of the Mammalian Kidney Disease Gene Mpv17 and Is Required for Ethanol Metabolism and Tolerance during Heat Shock. <i>Eukaryotic Cell</i> , 2004,	2.7	60
46	Indirect Immunofluorescence Microscopy for Direct Detection of <i>Xylella fastidiosa</i> in Xylem Sap. <i>Current Microbiology</i> , 2004, 49, 372-375.	2.3	30
47	The Hsp90 Molecular Chaperone Complex Regulates Maltose Induction and Stability of the <i>Saccharomyces MAL</i> Gene Transcription Activator Mal63p. <i>Journal of Biological Chemistry</i> , 2003, 278, 47441-47448.	2.2	27
48	Ctr6, a Vacuolar Membrane Copper Transporter in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 46676-46686.	2.2	79
49	The Yeast Hsp110 Family Member, Sse1, Is an Hsp90 Cochaperone. <i>Journal of Biological Chemistry</i> , 1999, 274, 26654-26660.	2.2	120
50	The Sch9 protein kinase regulates Hsp90 chaperone complex signal transduction activity in vivo. <i>EMBO Journal</i> , 1999, 18, 5953-5962.	7.3	60
51	A <i>trans</i> -Activation Domain in Yeast Heat Shock Transcription Factor Is Essential for Cell Cycle Progression during Stress. <i>Molecular and Cellular Biology</i> , 1999, 19, 402-411.	2.5	87
52	Protein chaperones and the heat shock response in <i>Saccharomyces cerevisiae</i> . <i>Current Opinion in Microbiology</i> , 1998, 1, 197-203.	7.0	59
53	Dipeptidyl aminopeptidase processing and biosynthesis of alkaline extracellular protease from <i>Yarrowia lipolytica</i> . <i>Microbiology (United Kingdom)</i> , 1997, 143, 3263-3272.	3.0	18
54	Differential effects of compartment deacidification on the targeting of membrane and soluble proteins to the vacuole in yeast. <i>Journal of Cell Science</i> , 1994, 107, 2813-2824.	2.4	46

#	ARTICLE	IF	CITATIONS
55	When pH comes to the rescue. ELife, 0, 9, .	1.6	4