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## Dynamical Structures of Hsp70 and Hsp70-Hsp40 Complexes

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#	Paper	IF	Citations
84	Fingerprints of Conformational States of Human Hsp70 at Sub-THz Frequencies. <i>ACS Omega</i> , <b>2016</b> , 1, 1067-1074	3.9	7
83	Differential protein expression using proteomics from a crustacean brine shrimp ( <i>Artemia sinica</i> ) under CO <sub>2</sub> -driven seawater acidification. <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 58, 669-677	4.3	12
82	Mammalian Fe-S proteins: definition of a consensus motif recognized by the co-chaperone HSC20. <i>Metallomics</i> , <b>2016</b> , 8, 1032-1046	4.5	21
81	Proline isomerization in the C-terminal region of HSP27. <i>Cell Stress and Chaperones</i> , <b>2017</b> , 22, 639-651	4	19
80	Unraveling the CHIP:Hsp70 complex as an information processor for protein quality control. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2017</b> , 1865, 133-141	4	19
79	A disulfide-bonded DnaK dimer is maintained in an ATP-bound state. <i>Cell Stress and Chaperones</i> , <b>2017</b> , 22, 201-212	4	10
78	Interaction of <i>E. coli</i> Hsp90 with DnaK Involves the DnaJ Binding Region of DnaK. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 858-872	6.5	22
77	Development of a microarray-based assay for efficient testing of new HSP70/DnaK inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 6345-6352	3.4	13
76	The endoplasmic reticulum HSP40 co-chaperone ERdj3/DNAJB11 assembles and functions as a tetramer. <i>EMBO Journal</i> , <b>2017</b> , 36, 2296-2309	13	25
75	9 Delivery of iron-sulfur clusters to recipient proteins: the role of chaperone and cochaperone proteins. <b>2017</b> ,		1
74	Two J domains ensure high cochaperone activity of DnaJ, <i>Escherichia coli</i> heat shock protein 40. <i>Journal of Biochemistry</i> , <b>2018</b> , 164, 153-163	3.1	4
73	Methods to validate Hsp90 inhibitor specificity, to identify off-target effects, and to rethink approaches for further clinical development. <i>Cell Stress and Chaperones</i> , <b>2018</b> , 23, 467-482	4	58
72	Bacterial Hsp90 ATPase Assays. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1709, 199-207	1.4	1
71	Molecular dynamics simulations of Hsp40 $\Delta$ -domain mutants identifies disruption of the critical HPD-motif as the key factor for impaired curing in vivo of the yeast prion [URE3]. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 1764-1775	3.6	4
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69	The C-terminal GGAP motif of Hsp70 mediates substrate recognition and stress response in yeast. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 17663-17675	5.4	16
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67	Using Single-Molecule Approaches to Understand the Molecular Mechanisms of Heat-Shock Protein Chaperone Function. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 4525-4546	6.5	20
66	DNAJA4 deficiency enhances NF-kappa B-related growth arrest induced by hyperthermia in human keratinocytes. <i>Journal of Dermatological Science</i> , <b>2018</b> , 91, 256-267	4.3	7
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47	Post-translational modifications of Hsp70 family proteins: Expanding the chaperone code. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 10689-10708	5.4	48
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45	Short-term cold stress and heat shock proteins in the crustacean <i>Artemia franciscana</i> . <i>Cell Stress and Chaperones</i> , <b>2020</b> , 25, 1083-1097	4	3
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