David Balchin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4789272/publications.pdf

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12	1,512	1039406	1199166
papers	citations	9	12
		h-index	g-index

12	12	12	2527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo aspects of protein folding and quality control. Science, 2016, 353, aac4354.	6.0	1,100
2	Recent advances in understanding catalysis of protein folding by molecular chaperones. FEBS Letters, 2020, 594, 2770-2781.	1.3	107
3	Bacterial Hsp70 resolves misfolded states and accelerates productive folding of a multi-domain protein. Nature Communications, 2020, 11, 365.	5.8	99
4	Pathway of Actin Folding Directed by the Eukaryotic Chaperonin TRiC. Cell, 2018, 174, 1507-1521.e16.	13.5	75
5	Tc toxin activation requires unfolding and refolding of a Î²-propeller. Nature, 2018, 563, 209-213.	13.7	45
6	Chaperone Function of Hgh1 in the Biogenesis of Eukaryotic Elongation Factor 2. Molecular Cell, 2019, 74, 88-100.e9.	4.5	18
7	Class Pi Glutathione Transferase Unfolds via a Dimeric and Not Monomeric Intermediate: Functional Implications for an Unstable Monomer. Biochemistry, 2010, 49, 5074-5081.	1.2	17
8	Efficient Catalysis of Protein Folding by GroEL/ES of the Obligate Chaperonin Substrate MetF. Journal of Molecular Biology, 2020, 432, 2304-2318.	2.0	16
9	Stability of the domain interface contributes towards the catalytic function at the H-site of class alpha glutathione transferase A1-1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 2228-2233.	1.1	15
10	S-Nitrosation of Glutathione Transferase P1-1 Is Controlled by the Conformation of a Dynamic Active Site Helix. Journal of Biological Chemistry, 2013, 288, 14973-14984.	1.6	10
11	S-Nitrosation Destabilizes Glutathione Transferase P1-1. Biochemistry, 2013, 52, 9394-9402.	1.2	7
12	Energetics of ligand binding to human glutathione transferase A1-1: Tyr-9 associated localisation of the C-terminal helix is ligand-dependent. Biophysical Chemistry, 2011, 156, 153-158.	1.5	3