

# David Balchin

## List of Publications by Year in descending order

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

Version: 2024-02-01

12  
papers

1,512  
citations

1040056

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h-index

1199594

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12  
docs citations

12  
times ranked

2527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Catalysis of Protein Folding by GroEL/ES of the Obligate Chaperonin Substrate MetF. Journal of Molecular Biology, 2020, 432, 2304-2318.	4.2	16
2	Bacterial Hsp70 resolves misfolded states and accelerates productive folding of a multi-domain protein. Nature Communications, 2020, 11, 365.	12.8	99
3	Recent advances in understanding catalysis of protein folding by molecular chaperones. FEBS Letters, 2020, 594, 2770-2781.	2.8	107
4	Chaperone Function of Hgh1 in the Biogenesis of Eukaryotic Elongation Factor 2. Molecular Cell, 2019, 74, 88-100.e9.	9.7	18
5	Tc toxin activation requires unfolding and refolding of a $\hat{1}^2$ -propeller. Nature, 2018, 563, 209-213.	27.8	45
6	Pathway of Actin Folding Directed by the Eukaryotic Chaperonin TRiC. Cell, 2018, 174, 1507-1521.e16.	28.9	75
7	In vivo aspects of protein folding and quality control. Science, 2016, 353, aac4354.	12.6	1,100
8	<i>S</i> -Nitrosation Destabilizes Glutathione Transferase P1-1. Biochemistry, 2013, 52, 9394-9402.	2.5	7
9	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.	3.4	10
10	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.	2.8	3
11	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.	2.3	15
12	Class Pi Glutathione Transferase Unfolds via a Dimeric and Not Monomeric Intermediate: Functional Implications for an Unstable Monomer. Biochemistry, 2010, 49, 5074-5081.	2.5	17