

Eva S Cobos

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

422
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840776

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times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Dissection of the Binding Energetics of Proline-rich Peptides to the Abl-SH3 Domain: Implications for Rational Ligand Design. <i>Journal of Molecular Biology</i> , 2004, 336, 527-537.	4.2	59
2	WW Domains of the Yes-Kinase-Associated-Protein (YAP) Transcriptional Regulator Behave as Independent Units with Different Binding Preferences for PPxY Motif-Containing Ligands. <i>PLoS ONE</i> , 2015, 10, e0113828.	2.5	43
3	AS-48: a circular protein with an extremely stable globular structure. <i>FEBS Letters</i> , 2001, 505, 379-382.	2.8	36
4	A Thermodynamic and Kinetic Analysis of the Folding Pathway of an SH3 Domain Entropically Stabilised by a Redesigned Hydrophobic Core. <i>Journal of Molecular Biology</i> , 2003, 328, 221-233.	4.2	33
5	A Miniprotein Scaffold Used to Assemble the Polyproline II Binding Epitope Recognized by SH3 Domains. <i>Journal of Molecular Biology</i> , 2004, 342, 355-365.	4.2	33
6	Single-chain protein mimetics of the N-terminal heptad-repeat region of gp41 with potential as anti-HIV-1 drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18207-18212.	7.1	32
7	The denaturation of circular enterocin AS-48 by urea and guanidinium hydrochloride. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1598, 98-107.	2.3	28
8	An Oligomeric Equilibrium Intermediate as the Precursory Nucleus of Globular and Fibrillar Supramacromolecular Assemblies in a PDZ Domain. <i>Biophysical Journal</i> , 2010, 99, 263-272.	0.5	28
9	Novel conformational aspects of the third PDZ domain of the neuronal post-synaptic density-95 protein revealed from two 1.4 Å... X-ray structures. <i>Journal of Structural Biology</i> , 2010, 170, 565-569.	2.8	21
10	Thermodynamic Characterization of the Folding Equilibrium of the Human Nedd4-WW4 Domain: At the Frontiers of Cooperative Folding. <i>Biochemistry</i> , 2009, 48, 8712-8720.	2.5	20
11	A comparative analysis of the folding and misfolding pathways of the third PDZ domain of PSD95 investigated under different pH conditions. <i>Biophysical Chemistry</i> , 2011, 158, 104-110.	2.8	15
12	Binding site plasticity in viral PPxY Late domain recognition by the third WW domain of human NEDD4. <i>Scientific Reports</i> , 2019, 9, 15076.	3.3	12
13	A thermodynamic study of the third PDZ domain of MAGUK neuronal protein PSD-95 reveals a complex three-state folding behavior. <i>Biophysical Chemistry</i> , 2014, 185, 1-7.	2.8	11
14	Protein Folding Cooperativity and Thermodynamic Barriers of the Simplest β^2 -Sheet Fold: A Survey of WW Domains. <i>Journal of Physical Chemistry B</i> , 2018, 122, 11058-11071.	2.6	11
15	Sulfate-Induced Effects in the On-Pathway Intermediate of the Bacterial Immunity Protein Im7*. <i>Biochemistry</i> , 2006, 45, 2274-2282.	2.5	10
16	The Impact of Extra-Domain Structures and Post-Translational Modifications in the Folding/Misfolding Behaviour of the Third PDZ Domain of MAGUK Neuronal Protein PSD-95. <i>PLoS ONE</i> , 2014, 9, e98124.	2.5	8
17	A thermodynamic characterization of the interaction of 8-aminino-1-naphthalenesulfonic acid with native globular proteins: the effect of the ligand dimerization in the analysis of the binding isotherms. <i>Journal of Molecular Recognition</i> , 2011, 24, 548-556.	2.1	6
18	Thermodynamic Impact of Embedded Water Molecules in the Unfolding of Human CD2BP2-GYF Domain. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7168-7175.	2.6	5

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19	Evaluation of folding co-operativity of a chimeric protein based on the molecular recognition between polyproline ligands and SH3 domains. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 597-606.	2.1	4
20	An Error Analysis for Two-State Protein-Folding Kinetic Parameters and $\Delta\ddagger$ -Values: Progress toward Precision by Exploring pH Dependencies on Leffler Plots. <i>Biophysical Journal</i> , 2008, 94, 4393-4404.	0.5	3
21	High-resolution structure of an $\hat{\alpha}$ -spectrin SH3-domain mutant with a redesigned hydrophobic core. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1023-1027.	0.7	3
22	A Thermodynamic Analysis of the Binding Specificity between Four Human PDZ Domains and Eight Host, Viral and Designed Ligands. <i>Biomolecules</i> , 2021, 11, 1071.	4.0	1
23	Approaching the thermodynamic view of protein folding through the reproduction of Anfinsen's experiment by undergraduate physical biochemistry students. <i>Biochemistry and Molecular Biology Education</i> , 2018, 46, 262-269.	1.2	0