

# Anastasia Zhuravleva

## List of Publications by Year in descending order

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18  
papers

900  
citations

758635

12  
h-index

887659

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1206  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Interdomain Energetic Tug-of-War Creates the Allosterically Active State in Hsp70 Molecular Chaperones. <i>Cell</i> , 2012, 151, 1296-1307.	13.5	240
2	Exploring Weak, Transient Protein-Protein Interactions in Crowded In Vivo Environments by In-Cell Nuclear Magnetic Resonance Spectroscopy. <i>Biochemistry</i> , 2011, 50, 9225-9236.	1.2	140
3	Allosteric signal transmission in the nucleotide-binding domain of 70-kDa heat shock protein (Hsp70) molecular chaperones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6987-6992.	3.3	140
4	Substrate-binding domain conformational dynamics mediate Hsp70 allostery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2865-73.	3.3	101
5	Propagation of Dynamic Changes in Barnase Upon Binding of Barstar: An NMR and Computational Study. <i>Journal of Molecular Biology</i> , 2007, 367, 1079-1092.	2.0	52
6	Protein folding by NMR. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2017, 100, 52-77.	3.9	48
7	Allosteric fine-tuning of the conformational equilibrium poises the chaperone BiP for post-translational regulation. <i>ELife</i> , 2017, 6, .	2.8	37
8	Delicate Balance between Functionally Required Flexibility and Aggregation Risk in a $\beta^2$ -Rich Protein. <i>Biochemistry</i> , 2013, 52, 8843-8854.	1.2	26
9	The Role of Aromatic-Aromatic Interactions in Strand-Strand Stabilization of $\beta^2$ -Sheets. <i>Journal of Molecular Biology</i> , 2013, 425, 3522-3535.	2.0	25
10	A target-protection mechanism of antibiotic resistance at atomic resolution: insights into FusB-type fusidic acid resistance. <i>Scientific Reports</i> , 2016, 6, 19524.	1.6	19
11	Segmental isotopic labeling of the Hsp70 molecular chaperone DnaK using expressed protein ligation. <i>Biopolymers</i> , 2010, 94, 742-752.	1.2	14
12	Early Folding Events Protect Aggregation-Prone Regions of a $\beta^2$ -Rich Protein. <i>Structure</i> , 2013, 21, 476-485.	1.6	14
13	Structural insights into a StART-like domain in Lam4 and its interaction with sterol ligands. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2270-2274.	1.0	14
14	Divided Evolution: A Scheme for Suppression of Line Broadening Induced by Conformational Exchange. <i>Journal of the American Chemical Society</i> , 2008, 130, 3260-3261.	6.6	12
15	Mitotic phosphorylation regulates Hsp72 spindle localization by uncoupling ATP binding from substrate release. <i>Science Signaling</i> , 2018, 11, .	1.6	8
16	Amyloid binding and beyond: a new approach for Alzheimer's disease drug discovery targeting $\text{A}\beta$ -PrP <sup>C</sup> binding and downstream pathways. <i>Chemical Science</i> , 2021, 12, 3768-3785.	3.7	6
17	How TriC Folds Tricky Proteins. <i>Cell</i> , 2014, 159, 1251-1252.	13.5	4
18	First Virtual International Congress on Cellular and Organismal Stress Responses, November 5-6, 2020. <i>Cell Stress and Chaperones</i> , 2021, 26, 289-295.	1.2	0