

# Alexey V Gribenko

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,164  
citations

471509

17  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Transmission in <i>Escherichia coli</i> Cyclic AMP Receptor Protein for Survival in Extreme Acidic Conditions. <i>Biochemistry</i> , 2021, 60, 2987-3006.	2.5	2
2	Predicting the Susceptibility of Meningococcal Serogroup B Isolates to Bactericidal Antibodies Elicited by Bivalent rLP2086, a Novel Prophylactic Vaccine. <i>MBio</i> , 2018, 9, .	4.1	53
3	MntC-Dependent Manganese Transport Is Essential for <i>Staphylococcus aureus</i> Oxidative Stress Resistance and Virulence. <i>MSphere</i> , 2018, 3, .	2.9	27
4	High Resolution Mapping of Bactericidal Monoclonal Antibody Binding Epitopes on <i>Staphylococcus aureus</i> Antigen MntC. <i>PLoS Pathogens</i> , 2016, 12, e1005908.	4.7	23
5	Three-Dimensional Structure and Biophysical Characterization of <i>Staphylococcus aureus</i> Cell Surface Antigen Manganese Transporter MntC. <i>Journal of Molecular Biology</i> , 2013, 425, 3429-3445.	4.2	54
6	The N-terminal Capping Propensities of the D-helix Modulate the Allosteric Activation of the <i>Escherichia coli</i> cAMP Receptor Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 39402-39411.	3.4	13
7	Exchange Protein Directly Activated by Cyclic AMP Isoform 2 Is Not a Direct Target of Sulfonylurea Drugs. <i>Assay and Drug Development Technologies</i> , 2011, 9, 88-91.	1.2	29
8	Pb <sup>2+</sup> as Modulator of Protein-Membrane Interactions. <i>Journal of the American Chemical Society</i> , 2011, 133, 10599-10611.	13.7	42
9	Rational stabilization of enzymes by computational redesign of surface charge-charge interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2601-2606.	7.1	201
10	Cooperativity of complex salt bridges. <i>Protein Science</i> , 2008, 17, 1285-1290.	7.6	35
11	A single-residue mutation destabilizes <i>Vibrio harveyi</i> flavin reductase FRP dimer. <i>Archives of Biochemistry and Biophysics</i> , 2008, 472, 51-57.	3.0	4
12	Role of the Charge-Charge Interactions in Defining Stability and Halophilicity of the CspB Proteins. <i>Journal of Molecular Biology</i> , 2007, 366, 842-856.	4.2	62
13	Protein Stability and Surface Electrostatics: A Charged Relationship. <i>Biochemistry</i> , 2006, 45, 2761-2766.	2.5	285
14	Amino acid substitutions affecting protein dynamics in eglin C do not affect heat capacity change upon unfolding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 295-300.	2.6	4
15	Dissecting the energetics of protein $\alpha$ -helix C-cap termination through chemical protein synthesis. <i>Nature Chemical Biology</i> , 2006, 2, 139-143.	8.0	63
16	Letter to the Editor: NMR Structure of the Apo-S100P Protein. <i>Journal of Biomolecular NMR</i> , 2004, 29, 399-402.	2.8	21
17	Mechanism of Thermostabilization in a Designed Cold Shock Protein with Optimized Surface Electrostatic Interactions. <i>Journal of Molecular Biology</i> , 2004, 336, 929-942.	4.2	74
18	Conformational and thermodynamic properties of peptide binding to the human S100P protein. <i>Protein Science</i> , 2002, 11, 1367-1375.	7.6	31

#	ARTICLE	IF	CITATIONS
19	Molecular Characterization and Tissue Distribution of a Novel Member of the S100 Family of EF-Hand Proteins. <i>Biochemistry</i> , 2001, 40, 15538-15548.	2.5	53
20	Cloning, overexpression, purification, and spectroscopic characterization of human S100P. <i>Protein Science</i> , 1998, 7, 211-215.	7.6	28
21	Oligomerization and divalent ion binding properties of the S100P protein: a Ca <sup>2+</sup> /Mg <sup>2+</sup> -switch model. <i>Journal of Molecular Biology</i> , 1998, 283, 679-694.	4.2	59