

Vladimir V Filimonov

List of Publications by Year in descending order

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42
papers

1,677
citations

279701

23
h-index

276775

41
g-index

43
all docs

43
docs citations

43
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic and Kinetic Analysis of the SH3 Domain of Spectrin Shows a Two-State Folding Transition. <i>Biochemistry</i> , 1994, 33, 2142-2150.	1.2	294
2	Protein engineering as a strategy to avoid formation of amyloid fibrils. <i>Protein Science</i> , 2000, 9, 1700-1708.	3.1	109
3	Thermodynamic analysis of transfer RNA unfolding. <i>Journal of Molecular Biology</i> , 1978, 122, 447-464.	2.0	108
4	A Study of the Structure of Fibronectin. <i>FEBS Journal</i> , 1981, 119, 619-624.	0.2	104
5	Thermodynamic investigations of proteins. <i>Biophysical Chemistry</i> , 1978, 8, 117-122.	1.5	73
6	Thermodynamics of base interaction in (A) _n and (A·U) _n . <i>Journal of Molecular Biology</i> , 1978, 122, 465-470.	2.0	70
7	Thermodynamic analysis of the chemotactic protein from <i>Escherichia coli</i> , CheY. <i>Biochemistry</i> , 1993, 32, 12906-12921.	1.2	61
8	A Calorimetric Study of the Thermal Stability of Barnase and Its Interaction with 3'GMP. <i>Biochemistry</i> , 1994, 33, 3919-3926.	1.2	55
9	Thermodynamic Analysis of $\Delta\pm$ -spectrin SH3 and Two of Its Circular Permutants with Different Loop Lengths: Discerning the Reasons for Rapid Folding in Proteins. <i>Biochemistry</i> , 1999, 38, 549-559.	1.2	55
10	A thermodynamic analysis of a family of small globular proteins: SH3 domains. <i>Biophysical Chemistry</i> , 1999, 77, 195-208.	1.5	54
11	A Calorimetric Study of the Thermal Stability of Barstar and Its Interaction with Barnase. <i>Biochemistry</i> , 1995, 34, 5224-5233.	1.2	49
12	The ionization of a buried glutamic acid is thermodynamically linked to the stability of <i>Leishmania mexicana</i> triose phosphate isomerase. <i>FEBS Journal</i> , 2000, 267, 2516-2524.	0.2	49
13	A calorimetric investigation of tRNA ^{1Val} melting. <i>Journal of Molecular Biology</i> , 1975, 97, 279-288.	2.0	42
14	Calorimetric Studies on Melting of tRNA ^{Phe} (Yeast). <i>FEBS Journal</i> , 1977, 72, 79-86.	0.2	40
15	AS-48: a circular protein with an extremely stable globular structure. <i>FEBS Letters</i> , 2001, 505, 379-382.	1.3	36
16	Reversible Association of the Equilibrium Unfolding Intermediate of λ Cro Repressor. <i>Journal of Molecular Biology</i> , 1996, 255, 767-777.	2.0	33
17	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.	2.0	33
18	Flagellin parts acquiring a regular structure during polymerization are disposed on the molecule ends. <i>FEBS Letters</i> , 1988, 241, 141-144.	1.3	31

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19	Structural analysis of the A and B conformers of escherichia coli 5 S ribosomal RNA by infrared spectroscopy. FEBS Letters, 1981, 132, 357-361.	1.3	30
20	The denaturation of circular enterocin AS-48 by urea and guanidinium hydrochloride. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2002, 1598, 98-107.	1.1	28
21	Modeling, mutagenesis, and structural studies on the fully conserved phosphate-binding loop (Loop) Tj ETQq1 1 0.784314 rgBT /Over and Bioinformatics, 2001, 42, 383-389.	1.5	26
22	Secondary Structure and Oligomerization Behavior of Equilibrium Unfolding Intermediates of the λ Cro Repressor. Biochemistry, 1999, 38, 5633-5642.	1.2	25
23	Co-operative domains in fibronectin. Journal of Molecular Biology, 1990, 211, 161-169.	2.0	24
24	The major mRNP protein YB-1: Structural and association properties in solution. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 559-567.	1.1	24
25	Stability of Natrialba magadii NDP kinase: comparisons with other halophilic proteins. Extremophiles, 2002, 6, 135-142.	0.9	21
26	A Structural Study of Filamin, a Hight-Molecular-Weight Actin-Binding Protein from Chicken Gizzard. FEBS Journal, 1982, 121, 553-559.	0.2	20
27	Thermodynamic analysis of the unfolding and stability of the dimeric DNA-binding protein HU from the hyperthermophilic eubacterium Thermotoga maritima and its E34D mutant. FEBS Journal, 2004, 271, 1497-1507.	0.2	20
28	Thermodynamic Analysis of the Structural Stability of Phage 434 Cro Protein. Biochemistry, 1999, 38, 15536-15547.	1.2	19
29	A thermodynamic study of the 434-repressor N-terminal domain and of its covalently linked dimers. FEBS Journal, 1999, 263, 246-253.	0.2	16
30	Calorimetric Investigations on Thermal Stability of tRNA ^{Ile} (Yeast) and tRNA ^{Ser} (Yeast). FEBS Journal, 1976, 70, 25-31.	0.2	14
31	Thermodynamic analysis of helix-engineered forms of the activation domain of human procarboxypeptidase A2. FEBS Journal, 2000, 267, 5891-5899.	0.2	13
32	Solution structure and dynamics of the chimeric SH3 domains, SHH- and SHA- α Bergeracs. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1813-1822.	1.1	13
33	High-Resolution Crystal Structure of Spectrin SH3 Domain Fused with a Proline-Rich Peptide. Journal of Biomolecular Structure and Dynamics, 2011, 29, 485-495.	2.0	13
34	Cleavage of Elongation Factor G into Compact Domains. FEBS Journal, 1979, 99, 585-591.	0.2	12
35	A binding event converted into a folding event. FEBS Letters, 2003, 553, 328-332.	1.3	12
36	Effect of conserved intersubunit amino acid substitutions on Hfq protein structure and stability. Biochemistry (Moscow), 2014, 79, 469-477.	0.7	11

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37	Conserved unpaired adenine residues are important for ordered structures of 5S ribosomal RNA. FEBS Journal, 1985, 147, 503-510.	0.2	9
38	The Thermodynamics of Conformation Transitions in Polynucleotides. , 1986, , 377-401.		8
39	Structural and thermodynamic studies of Bergerac-SH3 chimeras. Biophysical Chemistry, 2009, 139, 106-115.	1.5	7
40	A calorimetric investigation of melting of tRNA ^{Asp} from brewer's yeast. Nucleic Acids and Protein Synthesis, 1978, 521, 209-216.	1.7	6
41	Cooperativity of the $\hat{I}\pm\hat{I}^2$ -protomer structure in Na ⁺ , K ⁺ -ATPase functioning. FEBS Letters, 1986, 205, 185-188.	1.3	3
42	Thermal unfolding of two designed monomeric \hat{I} Cro repressor variants. Vibrational Spectroscopy, 2005, 38, 45-51.	1.2	2