

# Konstantin K Turoverov

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144 papers	4,647 citations	37 h-index	65 g-index
172 ext. papers	5,238 ext. citations	3.9 avg, IF	5.62 L-index

#	Paper	IF	Citations
144	New Evidence of the Importance of Weak Interactions in the Formation of PML-Bodies.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
143	Liquid-liquid phase separation as an organizing principle of intracellular space: overview of the evolution of the cell compartmentalization concept.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 251	10.3	9
142	New Evidence on a Distinction between A $\beta$ 0 and A $\beta$ 2 Amyloids: Thioflavin T Binding Modes, Clustering Tendency, Degradation Resistance, and Cross-Seeding. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5513	6.3	0
141	Structural Polymorphism of Lysozyme Amyloid Fibrils. <i>Cell and Tissue Biology</i> , <b>2022</b> , 16, 259-267	0.4	0
140	New findings on GFP-like protein application as fluorescent tags: Fibrillogenesis, oligomerization, and amorphous aggregation. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 192, 1304-1310	7.9	2
139	Photo-dependent membrane-less organelles formed from plant phyB and PIF6 proteins in mammalian cells. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 176, 325-331	7.9	5
138	Trypsin Induced Degradation of Amyloid Fibrils. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
137	The Role of Non-Specific Interactions in Canonical and ALT-Associated PML-Bodies Formation and Dynamics. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
136	Alpha-B-Crystallin Effect on Mature Amyloid Fibrils: Different Degradation Mechanisms and Changes in Cytotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
135	Point mutations affecting yeast prion propagation change the structure of its amyloid fibrils. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 314, 113618	6	1
134	Probing the allostery in dimeric near-infrared biomarkers derived from the bacterial phytochromes: The impact of the T204A substitution on the inter-monomer interaction. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 894-902	7.9	1
133	Denaturant effect on amyloid fibrils: Declusterization, depolymerization, denaturation and reassembly. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 681-694	7.9	7
132	Effect of the fluorescent probes ThT and ANS on the mature amyloid fibrils. <i>Prion</i> , <b>2020</b> , 14, 67-75	2.3	14
131	Folding perspectives of an intrinsically disordered transactivation domain and its single mutation breaking the folding propensity. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 1359-1372	7.9	6
130	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000564	9.7	16
129	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		
128	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		

127	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		
126	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		
125	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		
124	Accumulation of storage proteins in plant seeds is mediated by amyloid formation <b>2020</b> , 18, e3000564		
123	Structural Analogue of Thioflavin T, DMASEBT, as a Tool for Amyloid Fibrils Study. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3131-3140	7.8	13
122	Stochasticity of Biological Soft Matter: Emerging Concepts in Intrinsically Disordered Proteins and Biological Phase Separation. <i>Trends in Biochemical Sciences</i> , <b>2019</b> , 44, 716-728	10.3	53
121	Near-Infrared Fluorescent Proteins and Their Applications. <i>Biochemistry (Moscow)</i> , <b>2019</b> , 84, S32-S50	2.9	15
120	Multi-functionality of proteins involved in GPCR and G protein signaling: making sense of structure-function continuum with intrinsic disorder-based proteoforms. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 4461-4492	10.3	28
119	Two Novel Amyloid Proteins, RopA and RopB, from the Root Nodule Bacterium. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	13
118	Near-Infrared Markers based on Bacterial Phytochromes with Phycocyanobilin as a Chromophore. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
117	Folding of poly-amino acids and intrinsically disordered proteins in overcrowded milieu induced by pH change. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 244-255	7.9	7
116	Thioflavin T Interaction with Acetylcholinesterase: New Evidence of 1:1 Binding Stoichiometry Obtained with Samples Prepared by Equilibrium Microdialysis. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 1793-1801	5.7	6
115	Intrinsically disordered proteins in crowded milieu: when chaos prevails within the cellular gumbo. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 3907-3929	10.3	48
114	Near-Infrared Fluorescent Proteins: Multiplexing and Optogenetics across Scales. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 1230-1243	15.1	42
113	Investigation of $\beta$ -Synuclein Amyloid Fibrils Using the Fluorescent Probe Thioflavin T. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	23
112	M60-like metalloprotease domain of the Escherichia coli YghJ protein forms amyloid fibrils. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191317	3.7	10
111	Structural Features of Amyloid Fibrils Formed from the Full-Length and Truncated Forms of Beta-2-Microglobulin Probed by Fluorescent Dye Thioflavin T. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	11
110	The Pathways of the iRFP713 Unfolding Induced by Different Denaturants. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	1

109	Trans-2-[4-(dimethylamino)styryl]-3-ethyl-1,3-benzothiazolium perchlorate - New fluorescent dye for testing of amyloid fibrils and study of their structure. <i>Dyes and Pigments</i> , <b>2018</b> , 157, 385-395	4.6	11
108	Effects of low urea concentrations on protein-water interactions. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2017</b> , 35, 207-218	3.6	5
107	Design of near-infrared single-domain fluorescent protein GAF-FP based on bacterial phytochrome. <i>Cell and Tissue Biology</i> , <b>2017</b> , 11, 16-26	0.4	3
106	Formation of trans-2-[4-(Dimethylamino)Styryl]-3-Ethyl-1,3-Benzothiazolium Perchlorate Dimers in the Presence of Sodium Polystyrene Sulfonate. <i>Journal of Applied Spectroscopy</i> , <b>2017</b> , 83, 917-923	0.7	3
105	The effects of crowding agents Dextran-70k and PEG-8k on actin structure and unfolding reaction. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1140, 46-51	3.4	7
104	Photophysical Properties of Fluorescent Probe Thioflavin T in Crowded Milieu. <i>Journal of Spectroscopy</i> , <b>2017</b> , 2017, 1-10	1.5	8
103	Structure and Conformational Properties of d-Glucose/d-Galactose-Binding Protein in Crowded Milieu. <i>Molecules</i> , <b>2017</b> , 22,	4.8	7
102	Thioflavin T fluoresces as excimer in highly concentrated aqueous solutions and as monomer being incorporated in amyloid fibrils. <i>Scientific Reports</i> , <b>2017</b> , 7, 2146	4.9	39
101	Stabilization of structure in near-infrared fluorescent proteins by binding of biliverdin chromophore. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1140, 22-31	3.4	11
100	Different conditions of fibrillogenesis cause polymorphism of lysozyme amyloid fibrils. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1140, 52-58	3.4	20
99	Osmolyte-Like Stabilizing Effects of Low GdnHCl Concentrations on d-Glucose/d-Galactose-Binding Protein. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	1
98	Interaction of Biliverdin Chromophore with Near-Infrared Fluorescent Protein BphP1-FP Engineered from Bacterial Phytochrome. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	8
97	Protein unfolding in crowded milieu: what crowding can do to a protein undergoing unfolding?. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2016</b> , 34, 2155-70	3.6	23
96	Near-infrared bioluminescent proteins for two-color multimodal imaging. <i>Scientific Reports</i> , <b>2016</b> , 6, 36588	4.9	53
95	Protein folding and stability in the presence of osmolytes. <i>Biophysics (Russian Federation)</i> , <b>2016</b> , 61, 185-192	0.92	5
94	High Fluorescence Anisotropy of Thioflavin T in Aqueous Solution Resulting from Its Molecular Rotor Nature. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 718-24	7.8	28
93	Structure and stability of recombinant bovine odorant-binding protein: II. Unfolding of the monomeric forms. <i>PeerJ</i> , <b>2016</b> , 4, e1574	3.1	2
92	Structure and stability of recombinant bovine odorant-binding protein: III. Peculiarities of the wild type bOBP unfolding in crowded milieu. <i>PeerJ</i> , <b>2016</b> , 4, e1642	3.1	3

91	Structure and stability of recombinant bovine odorant-binding protein: I. Design and analysis of monomeric mutants. <i>PeerJ</i> , <b>2016</b> , 4, e1933	3.1	4
90	Peculiarities of the Super-Folder GFP Folding in a Crowded Milieu. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	8
89	Stoichiometry and Affinity of Thioflavin T Binding to Sup35p Amyloid Fibrils. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156314	3.7	22
88	Native globular actin has a thermodynamically unstable quasi-stationary structure with elements of intrinsic disorder. <i>FEBS Journal</i> , <b>2016</b> , 283, 438-45	5.7	6
87	Allosteric effects of chromophore interaction with dimeric near-infrared fluorescent proteins engineered from bacterial phytochromes. <i>Scientific Reports</i> , <b>2016</b> , 6, 18750	4.9	28
86	Tryptophan residue of the D-galactose/D-glucose-binding protein from E. Coli localized in its active center does not contribute to the change in intrinsic fluorescence upon glucose binding. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 87-94	2.4	5
85	Spectral Manifestations of Thioflavin T Aggregation. <i>Journal of Applied Spectroscopy</i> , <b>2015</b> , 82, 33-39	0.7	12
84	Intrinsically disordered proteins as crucial constituents of cellular aqueous two phase systems and coacervates. <i>FEBS Letters</i> , <b>2015</b> , 589, 15-22	3.8	153
83	Beyond the excluded volume effects: mechanistic complexity of the crowded milieu. <i>Molecules</i> , <b>2015</b> , 20, 1377-409	4.8	118
82	Spectral properties of BADAN in solutions with different polarities. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1090, 107-111	3.4	3
81	Minimal domain of bacterial phytochrome required for chromophore binding and fluorescence. <i>Scientific Reports</i> , <b>2015</b> , 5, 18348	4.9	34
80	A knot in the protein structure - probing the near-infrared fluorescent protein iRFP designed from a bacterial phytochrome. <i>FEBS Journal</i> , <b>2014</b> , 281, 2284-98	5.7	17
79	Investigation of the kinetics of insulin amyloid fibrils formation. <i>Cell and Tissue Biology</i> , <b>2014</b> , 8, 186-191	0.4	8
78	The trehalose/maltose-binding protein as the sensitive element of a glucose biosensor. <i>Optical Materials</i> , <b>2014</b> , 36, 1676-1679	3.3	7
77	Photophysical Properties of Trans-2-[4-(dimethylamino)styryl]-3-ethyl-1,3-benzothiazolium Perchlorate, a New Structural Analog of Thioflavin T. <i>Journal of Applied Spectroscopy</i> , <b>2014</b> , 81, 205-213	0.7	3
76	What macromolecular crowding can do to a protein. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 23090-140	6.3	318
75	Actinous enigma or enigmatic actin: Folding, structure, and functions of the most abundant eukaryotic protein. <i>Intrinsically Disordered Proteins</i> , <b>2014</b> , 2, e34500		10
74	Fluorescence of dyes in solutions with high absorbance. Inner filter effect correction. <i>PLoS ONE</i> , <b>2014</b> , 9, e103878	3.7	146

73	The quaternary structure of the recombinant bovine odorant-binding protein is modulated by chemical denaturants. <i>PLoS ONE</i> , <b>2014</b> , 9, e85169	3.7	7
72	Sensitivity of superfolder GFP to ionic agents. <i>PLoS ONE</i> , <b>2014</b> , 9, e110750	3.7	13
71	Spectral characteristics of the mutant form GGBP/H152C of D-glucose/D-galactose-binding protein labeled with fluorescent dye BADAN: influence of external factors. <i>PeerJ</i> , <b>2014</b> , 2, e275	3.1	12
70	Beta-barrel scaffold of fluorescent proteins: folding, stability and role in chromophore formation. <i>International Review of Cell and Molecular Biology</i> , <b>2013</b> , 302, 221-78	6	57
69	Binding stoichiometry and affinity of fluorescent dyes to proteins in different structural states. <i>Methods in Molecular Biology</i> , <b>2012</b> , 895, 441-60	1.4	14
68	Interaction of thioflavin T with amyloid fibrils: fluorescence quantum yield of bound dye. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 2538-44	3.4	76
67	Reevaluation of ANS binding to human and bovine serum albumins: key role of equilibrium microdialysis in ligand - receptor binding characterization. <i>PLoS ONE</i> , <b>2012</b> , 7, e40845	3.7	64
66	Analyzing thioflavin T binding to amyloid fibrils by an equilibrium microdialysis-based technique. <i>PLoS ONE</i> , <b>2012</b> , 7, e30724	3.7	54
65	Distinct effects of guanidine thiocyanate on the structure of superfolder GFP. <i>PLoS ONE</i> , <b>2012</b> , 7, e48803	3.7	14
64	Protein-Ligand Interactions of the D-Galactose/D-Glucose-Binding Protein as a Potential Sensing Probe of Glucose Biosensors. <i>Spectroscopy</i> , <b>2012</b> , 27, 373-379		2
63	Structural Perturbation of Superfolder GFP in the Presence of Guanidine Thiocyanate. <i>Spectroscopy</i> , <b>2012</b> , 27, 381-386		0
62	Ligand-Binding Proteins: Structure, Stability and Practical Application <b>2012</b> ,		2
61	A new trend in the experimental methodology for the analysis of the thioflavin T binding to amyloid fibrils. <i>Molecular Neurobiology</i> , <b>2012</b> , 45, 488-98	6.2	46
60	Waveguide-type localized plasmon resonance biosensor for noninvasive glucose concentration detection <b>2012</b> ,		6
59	Proteomic analysis of the 20S proteasome (PSMA3)-interacting proteins reveals a functional link between the proteasome and mRNA metabolism. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 416, 258-65	3.4	39
58	Modern fluorescent proteins: from chromophore formation to novel intracellular applications. <i>BioTechniques</i> , <b>2011</b> , 51, 313-4, 316, 318 passim	2.5	105
57	Interaction of thioflavin T with amyloid fibrils: stoichiometry and affinity of dye binding, absorption spectra of bound dye. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 11519-24	3.4	81
56	Interaction between non-histone chromatin protein HMGB1 and linker histone H1. <i>Cell and Tissue Biology</i> , <b>2011</b> , 5, 120-122	0.4	

55	The effect of red pigment on the amyloidization of yeast proteins. <i>Yeast</i> , <b>2011</b> , 28, 505-26	3.4	10
54	New insight in protein-ligand interactions. 2. Stability and properties of two mutant forms of the D-galactose/D-glucose-binding protein from E. coli. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 9022-32	3.4	12
53	New insight into protein-ligand interactions. The case of the D-galactose/D-glucose-binding protein from Escherichia coli. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 2765-73	3.4	11
52	Structure and stability of D-galactose/D-glucose-binding protein. The role of D-glucose binding and Ca ion depletion. <i>Spectroscopy</i> , <b>2010</b> , 24, 355-359		4
51	High stability of trehalose/maltose binding protein from Thermococcus litoralis makes it a good candidate as a sensitive element in biosensor systems for sugar control. <i>Spectroscopy</i> , <b>2010</b> , 24, 349-353		1
50	Denaturation of proteins with beta-barrel topology induced by guanidine hydrochloride. <i>Spectroscopy</i> , <b>2010</b> , 24, 367-373		4
49	Spectral properties and factors determining high quantum yield of thioflavin T incorporated in amyloid fibrils. <i>Spectroscopy</i> , <b>2010</b> , 24, 169-172		9
48	Fluorescence quantum yield of thioflavin T in rigid isotropic solution and incorporated into the amyloid fibrils. <i>PLoS ONE</i> , <b>2010</b> , 5, e15385	3.7	131
47	Differences in the pathways of proteins unfolding induced by urea and guanidine hydrochloride: molten globule state and aggregates. <i>PLoS ONE</i> , <b>2010</b> , 5, e15035	3.7	67
46	Comparison of crude lysate pellets from isogenic strains of yeast with different prion composition: Identification of prion-associated proteins. <i>Cell and Tissue Biology</i> , <b>2010</b> , 4, 36-53	0.4	2
45	Effect of red pigment on amyloidization of yeast. <i>Cell and Tissue Biology</i> , <b>2010</b> , 4, 152-166	0.4	7
44	The protein kingdom extended: ordered and intrinsically disordered proteins, their folding, supramolecular complex formation, and aggregation. <i>Progress in Biophysics and Molecular Biology</i> , <b>2010</b> , 102, 73-84	4.7	157
43	Prion-associated proteins in yeast: comparative analysis of isogenic [PSI(+)] and [psi(-)] strains. <i>Yeast</i> , <b>2009</b> , 26, 611-31	3.4	17
42	Thioflavin T as a molecular rotor: fluorescent properties of thioflavin T in solvents with different viscosity. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 15893-902	3.4	256
41	Fluorescent proteins as biomarkers and biosensors: throwing color lights on molecular and cellular processes. <i>Current Protein and Peptide Science</i> , <b>2008</b> , 9, 338-69	2.8	117
40	Hydrophobic interactions and ionic networks play an important role in thermal stability and denaturation mechanism of the porcine odorant-binding protein. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2008</b> , 71, 35-44	4.2	28
39	Understanding the role of Arg96 in structure and stability of green fluorescent protein. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2008</b> , 73, 539-51	4.2	13
38	Comparative assay of amyloid and prion contents in yeast cells. <i>Cell and Tissue Biology</i> , <b>2008</b> , 2, 71-80	0.4	4



37	Stability and dynamics of the porcine odorant-binding protein. <i>Biochemistry</i> , <b>2007</b> , 46, 11120-7	3.2	25
36	Computational study of thioflavin T torsional relaxation in the excited state. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 4829-35	2.8	173
35	Different disturbances--one pathway of protein unfolding. Actin folding-unfolding and misfolding. <i>Cell Biology International</i> , <b>2007</b> , 31, 405-12	4.5	11
34	Expression of recombinant actin 5C from <i>Drosophila</i> in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Cell and Tissue Biology</i> , <b>2007</b> , 1, 248-258	0.4	
33	ThT as an instrument for testing and investigation of amyloid and amyloid-like fibrils <b>2007</b> ,		5
32	Spectral properties of thioflavin T in solvents with different dielectric properties and in a fibril-incorporated form. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 1392-401	5.6	166
31	Inelastic Incoherent Neutron Scattering in Some Proteins. <i>Ferroelectrics</i> , <b>2007</b> , 348, 154-160	0.6	5
30	Actin and amphiphilic polymers influence on channel formation by Syringomycin E in lipid bilayers. <i>European Biophysics Journal</i> , <b>2006</b> , 35, 382-92	1.9	3
29	Unfolding and refolding of the glutamine-binding protein from <i>Escherichia coli</i> and its complex with glutamine induced by guanidine hydrochloride. <i>Biochemistry</i> , <b>2005</b> , 44, 5625-33	3.2	24
28	Fluorescence properties of glutamine-binding protein from <i>Escherichia coli</i> and its complex with glutamine. <i>Journal of Proteome Research</i> , <b>2005</b> , 4, 417-23	5.6	13
27	The Combined Use of Fluorescence Spectroscopy and X-Ray Crystallography Greatly Contributes to Elucidating Structure and Dynamics of Proteins <b>2005</b> , 25-61		2
26	Conformational change of the dimeric DsbC molecule induced by GdnHCl. A study by intrinsic fluorescence. <i>Biochemistry</i> , <b>2004</b> , 43, 5296-303	3.2	17
25	Comparative studies on the structure and stability of fluorescent proteins EGFP, zFP506, mRFP1, "dimer2", and DsRed1. <i>Biochemistry</i> , <b>2004</b> , 43, 14913-23	3.2	73
24	Use of the phase diagram method to analyze the protein unfolding-refolding reactions: fishing out the "invisible" intermediates. <i>Journal of Proteome Research</i> , <b>2004</b> , 3, 485-94	5.6	120
23	Spectral Properties of Thioflavin T and Its Complexes with Amyloid Fibrils. <i>Journal of Applied Spectroscopy</i> , <b>2003</b> , 70, 868-874	0.7	177
22	Intrinsic Fluorescence of Actin. <i>Journal of Fluorescence</i> , <b>2003</b> , 13, 41-57	2.4	48
21	Expression of recombinant GFP-actin fusion protein in the methylotrophic yeast <i>Pichia pastoris</i> . <i>FEMS Yeast Research</i> , <b>2003</b> , 3, 105-111	3.1	
20	High stability of <i>Discosoma</i> DsRed as compared to <i>Aequorea</i> EGFP. <i>Biochemistry</i> , <b>2003</b> , 42, 7879-84	3.2	89



19	Monitoring of actin unfolding by room temperature tryptophan phosphorescence. <i>Biochemistry</i> , <b>2003</b> , 42, 13551-7	3.2	11
18	Expression of recombinant GFP-actin fusion protein in the methylotrophic yeast <i>Pichia pastoris</i> . <i>FEMS Yeast Research</i> , <b>2003</b> , 3, 105-11	3.1	9
17	Unraveling multistate unfolding of rabbit muscle creatine kinase. <i>BBA - Proteins and Proteomics</i> , <b>2002</b> , 1596, 138-55		88
16	The place of inactivated actin and its kinetic predecessor in actin folding-unfolding. <i>Biochemistry</i> , <b>2002</b> , 41, 13127-32	3.2	39
15	Kinetics of actin unfolding induced by guanidine hydrochloride. <i>Biochemistry</i> , <b>2002</b> , 41, 1014-9	3.2	33
14	Partially folded conformations in the folding pathway of bovine carbonic anhydrase II: a fluorescence spectroscopic analysis. <i>ChemBioChem</i> , <b>2001</b> , 2, 813-21	3.8	115
13	Contribution of separate tryptophan residues to intrinsic fluorescence of actin. Analysis of 3D structure. <i>FEBS Letters</i> , <b>1999</b> , 452, 205-10	3.8	33
12	Effect of self-association on the structural organization of partially folded proteins: inactivated actin. <i>Biophysical Journal</i> , <b>1999</b> , 77, 2788-800	2.9	41
11	The structure and dynamics of partially folded actin. <i>Biochemistry</i> , <b>1999</b> , 38, 6261-9	3.2	31
10	Correlation between polymerizability and conformation in scallop beta-like actin and rabbit skeletal muscle alpha-actin. <i>Archives of Biochemistry and Biophysics</i> , <b>1999</b> , 368, 105-11	4.1	11
9	Conformational changes in subdomain I of actin induced by proteolytic cleavage within the DNase I-binding loop: energy transfer from tryptophan to AEDANS. <i>FEBS Letters</i> , <b>1996</b> , 383, 105-8	3.8	32
8	Physico-chemical properties of actin cleaved with bacterial protease from <i>E. coli</i> A2 strain. <i>FEBS Letters</i> , <b>1991</b> , 279, 49-51	3.8	44
7	Changes of structure and intramolecular mobility in the course of actin denaturation. <i>Biophysical Chemistry</i> , <b>1988</b> , 32, 73-8	3.5	32
6	What causes the depolarization of trypsin and trypsinogen fluorescence. Intramolecular mobility or non-radiative energy transfer?. <i>Biophysical Chemistry</i> , <b>1986</b> , 25, 315-23	3.5	5
5	What causes the variation of polarization degree across the emission spectrum of proteins?. <i>Biophysical Chemistry</i> , <b>1986</b> , 24, 327-35	3.5	1
4	The environment of the tryptophan residue in <i>Pseudomonas aeruginosa</i> azurin and its fluorescence properties. <i>Biophysical Chemistry</i> , <b>1985</b> , 23, 79-89	3.5	36
3	Alentsev-Fok method of resolving complex spectra. <i>Journal of Applied Spectroscopy</i> , <b>1978</b> , 29, 844-849	0.7	2
2	Ultra-violet fluorescence of actin. Determination of native actin content in actin preparations. <i>FEBS Letters</i> , <b>1976</b> , 62, 4-6	3.8	80

1 Luminescence of Biopolymers and Cells **1969**,

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