

Boris I Kurganov

List of Publications by Year in descending order

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140
papers

3,580
citations

147801

31
h-index

189892

50
g-index

141
all docs

141
docs citations

141
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of Thermal Denaturation and Aggregation of Bovine Serum Albumin. PLoS ONE, 2016, 11, e0153495.	2.5	160
2	Biochemical effects of molecular crowding. Biochemistry (Moscow), 2004, 69, 1239-1251.	1.5	148
3	Hsc70 and Hsp70 interact with phosphatidylserine on the surface of PC12 cells resulting in a decrease of viability. FASEB Journal, 2004, 18, 1636-1645.	0.5	137
4	Analysis of differential scanning calorimetry data for proteins Criteria of validity of one-step mechanism of irreversible protein denaturation. Biophysical Chemistry, 1997, 69, 125-135.	2.8	110
5	Kinetics of protein aggregation. Quantitative estimation of the chaperone-like activity in test-systems based on suppression of protein aggregation. Biochemistry (Moscow), 2002, 67, 409-422.	1.5	107
6	Criterion for Hill equation validity for description of biosensor calibration curves. Analytica Chimica Acta, 2001, 427, 11-19.	5.4	97
7	Protein Folding, Misfolding, and Aggregation. Formation of Inclusion Bodies and Aggregates. Biochemistry (Moscow), 2004, 69, 971-984.	1.5	92
8	Mechanism of Chaperone-like Activity. Suppression of Thermal Aggregation of β -L-Crystallin by β -Crystallin. Biochemistry, 2005, 44, 15480-15487.	2.5	69
9	Kinetics of heat- and acidification-induced aggregation of firefly luciferase. Biophysical Chemistry, 2003, 106, 97-109.	2.8	67
10	Supramolecular organization of glycolytic enzymes. Journal of Theoretical Biology, 1985, 116, 509-526.	1.7	65
11	Mechanism of Thermal Aggregation of Rabbit Muscle Glyceraldehyde-3-phosphate Dehydrogenase. Biochemistry, 2006, 45, 13375-13384.	2.5	58
12	Osmophobic Effect of Glycerol on Irreversible Thermal Denaturation of Rabbit Creatine Kinase. Biophysical Journal, 2004, 87, 2247-2254.	0.5	56
13	Aggregation of liposomes induced by the toxic peptides Alzheimer's A β s, human amylin and prion (106-126): facilitation by membrane-bound GM1 ganglioside. Peptides, 2004, 25, 217-232.	2.4	56
14	Supramolecular organization of tricarboxylic acid cycle enzymes. BioSystems, 1989, 22, 91-102.	2.0	52
15	Mechanism of Suppression of Protein Aggregation by β -Crystallin. International Journal of Molecular Sciences, 2009, 10, 1314-1345.	4.1	52
16	Effect of β -crystallin on thermal denaturation and aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. Biophysical Chemistry, 2007, 125, 521-531.	2.8	51
17	Kinetics of thermal aggregation of tobacco mosaic virus coat protein. Biochemistry (Moscow), 2002, 67, 525-533.	1.5	48
18	Effect of proline on thermal inactivation, denaturation and aggregation of glycogen phosphorylase b from rabbit skeletal muscle. Biophysical Chemistry, 2009, 141, 66-74.	2.8	48

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19	Interaction of Polyanions with Basic Proteins, 2. <i>Macromolecular Bioscience</i> , 2005, 5, 1184-1192.	4.1	46
20	The theoretical analysis of kinetic behaviour of "hysteretic" allosteric enzymes. I. The kinetic manifestations of slow conformational change of an oligomeric enzyme in the Monod, Wyman and Changeux model. <i>Journal of Theoretical Biology</i> , 1976, 60, 247-269.	1.7	45
21	Does the Crowded Cell-like Environment Reduce the Chaperone-like Activity of β -Crystallin?. <i>Biochemistry</i> , 2011, 50, 10607-10623.	2.5	45
22	Dissociative Mechanism of Thermal Denaturation of Rabbit Skeletal Muscle Glycogen Phosphorylase. <i>Biochemistry</i> , 2000, 39, 13144-13152.	2.5	44
23	Two-state irreversible thermal denaturation of muscle creatine kinase. <i>Biophysical Chemistry</i> , 1999, 79, 199-204.	2.8	43
24	Kinetics of thermal aggregation of glycogen phosphorylase from rabbit skeletal muscle: Mechanism of protective action of β -crystallin. <i>Biopolymers</i> , 2008, 89, 124-134.	2.4	41
25	Control of the metabolic flux in a system with high enzyme concentrations and moiety-conserved cycles. The sum of the flux control coefficients can drop significantly below unity. <i>FEBS Journal</i> , 1992, 210, 147-153.	0.2	40
26	Copper chaperones, intracellular copper trafficking proteins. Function, structure, and mechanism of action. <i>Biochemistry (Moscow)</i> , 2003, 68, 827-837.	1.5	39
27	Evidence for the formation of start aggregates as an initial stage of protein aggregation. <i>FEBS Letters</i> , 2007, 581, 4223-4227.	2.8	39
28	The study of amorphous aggregation of tobacco mosaic virus coat protein by dynamic light scattering. <i>Biophysical Chemistry</i> , 2007, 127, 9-18.	2.8	38
29	Estimation of dissociation constant of enzyme-ligand complex from fluorometric data by "difference" method. <i>FEBS Letters</i> , 1972, 19, 308-310.	2.8	37
30	Mechanism of aggregation of UV-irradiated β -L-crystallin. <i>Experimental Eye Research</i> , 2011, 92, 76-86.	2.6	33
31	A change in the aggregation pathway of bovine serum albumin in the presence of arginine and its derivatives. <i>Scientific Reports</i> , 2017, 7, 3984.	3.3	33
32	The role of multienzyme complexes in integration of cellular metabolism. <i>Journal of Theoretical Biology</i> , 1986, 119, 445-455.	1.7	32
33	Quantification of Anti-Aggregation Activity of Chaperones: A Test-System Based on Dithiothreitol-Induced Aggregation of Bovine Serum Albumin. <i>PLoS ONE</i> , 2013, 8, e74367.	2.5	31
34	A novel approach to study of action of water-insoluble inhibitors of enzymic reactions. <i>Journal of Proteomics</i> , 1985, 11, 177-184.	2.4	30
35	Irreversible thermal denaturation of uridine phosphorylase from <i>Escherichia coli</i> K-12. <i>Biophysical Chemistry</i> , 1998, 70, 247-257.	2.8	30
36	Paradoxical Acceleration of Dithiothreitol-Induced Aggregation of Insulin in the Presence of a Chaperone. <i>International Journal of Molecular Sciences</i> , 2010, 11, 4556-4579.	4.1	30

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37	Kinetics of aggregation of UV-irradiated glyceraldehyde-3-phosphate dehydrogenase from rabbit skeletal muscle. Effect of agents possessing chaperone-like activity. <i>Biophysical Chemistry</i> , 2012, 163-164, 11-20.	2.8	30
38	Quantification of anti-aggregation activity of chaperones. <i>International Journal of Biological Macromolecules</i> , 2017, 100, 104-117.	7.5	30
39	Antiaggregation activity of chaperones and its quantification. <i>Biochemistry (Moscow)</i> , 2013, 78, 1554-1566.	1.5	29
40	Mechanism of thermal aggregation of yeast alcohol dehydrogenase I. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1286-1293.	2.3	28
41	Steady-state kinetics of cyclic conversions of substrate in amperometric bienzyme sensors. <i>Biosensors and Bioelectronics</i> , 1996, 11, 225-238.	10.1	27
42	Kinetic regime of dithiothreitol-induced aggregation of bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 130-138.	7.5	27
43	Evaluation of structure, chaperone-like activity and protective ability of peroxynitrite modified human α -Crystallin subunits against copper-mediated ascorbic acid oxidation. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 208-221.	7.5	27
44	The theoretical analysis of kinetic behaviour of α -hysteretic α -allosteric enzymes III. Dissociating and associating enzyme systems in which the rate of installation of equilibrium between the oligomeric forms is comparable to that of enzymatic reaction. <i>Journal of Theoretical Biology</i> , 1976, 60, 287-299.	1.7	26
45	Effect of molecular crowding on self-association of phosphorylase kinase and its interaction with phosphorylaseb and glycogen. <i>Journal of Molecular Recognition</i> , 2004, 17, 426-432.	2.1	26
46	Mechanism of suppression of dithiothreitol-induced aggregation of bovine α -lactalbumin by α -crystallin. <i>Biophysical Chemistry</i> , 2010, 146, 108-117.	2.8	26
47	The impact of different mutations at Arg54 on structure, chaperone-like activity and oligomerization state of human α -A-crystallin: The pathomechanism underlying congenital cataract-causing mutations R54L, R54P and R54C. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 604-618.	2.3	25
48	Influence of Osmolytes on Inactivation and Aggregation of Muscle Glycogen Phosphorylase b by Guanidine Hydrochloride. Stimulation of Protein Aggregation under Crowding Conditions. <i>Biochemistry (Moscow)</i> , 2005, 70, 1020-1026.	1.5	24
49	Interaction of Hsp27 with Native Phosphorylase Kinase under Crowding Conditions. <i>Macromolecular Bioscience</i> , 2010, 10, 783-789.	4.1	24
50	Appraisal of role of the polyanionic inducer length on amyloid formation by 412-residue 1N4R Tau protein: A comparative study. <i>Archives of Biochemistry and Biophysics</i> , 2016, 609, 1-19.	3.0	24
51	Kinetic studies on reduction of cytochromes P-450 and b5 by dithionite. <i>FEBS Journal</i> , 1985, 150, 155-159.	0.2	23
52	Pyridoxal 5'-phosphate as a catalytic and conformational cofactor of muscle glycogen phosphorylase B. <i>Biochemistry (Moscow)</i> , 2002, 67, 1089-1098.	1.5	23
53	Change in kinetic regime of protein aggregation with temperature increase. Thermal aggregation of rabbit muscle creatine kinase. <i>Biochemistry (Moscow)</i> , 2006, 71, 325-331.	1.5	23
54	Effect of gamma-ray irradiation on the size and properties of CdS quantum dots in reverse micelles. <i>Radiation Physics and Chemistry</i> , 2013, 92, 87-92.	2.8	23

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55	Structural and functional characterization of D109H and R69C mutant versions of human β -crystallin: The biochemical pathomechanism underlying cataract and myopathy development. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 1142-1160.	7.5	23
56	Effect of β -crystallin on thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle. <i>Biochemistry (Moscow)</i> , 2007, 72, 518-528.	1.5	22
57	Thermal denaturation and aggregation of apoform of glycogen phosphorylase <i>b</i> . Effect of crowding agents and chaperones. <i>Biopolymers</i> , 2014, 101, 504-516.	2.4	22
58	Noncovalent Adducts of Poly(ethylene glycols) with Proteins. <i>Bioconjugate Chemistry</i> , 2000, 11, 22-29.	3.6	21
59	Thermal stability and aggregation of creatine kinase from rabbit skeletal muscle.. <i>Biophysical Chemistry</i> , 2010, 148, 121-130.	2.8	21
60	Differential Scanning Calorimetry Study on Thermal Denaturation of Human Carbonic Anhydrase II. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1158-1162.	1.9	21
61	Effect of crowding and chaperones on self-association, aggregation and reconstitution of apophosphorylase b. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 69-76.	7.5	21
62	Relationship between the initial rate of protein aggregation and the lag period for amorphous aggregation. <i>International Journal of Biological Macromolecules</i> , 2014, 68, 144-150.	7.5	21
63	A mechanism of macroscopic (amorphous) aggregation of the tobacco mosaic virus coat protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 1452-1460.	2.8	20
64	Antibacterial Proline-Rich Oligopeptides and Their Target Proteins. <i>Biochemistry (Moscow)</i> , 2004, 69, 1082-1091.	1.5	20
65	Thermal Denaturation and Aggregation of Myosin Subfragment 1 Isoforms with Different Essential Light Chains. <i>International Journal of Molecular Sciences</i> , 2010, 11, 4194-4226.	4.1	20
66	Kinetics of soybean lipoxygenase reaction in hydrated reversed micelles. <i>Biochimie</i> , 1989, 71, 573-578.	2.6	19
67	Study of kinetics of thermal aggregation of mitochondrial aspartate aminotransferase by dynamic light scattering: protective effect of β -crystallin. <i>European Biophysics Journal</i> , 2009, 38, 547-556.	2.2	19
68	Effect of crowding on several stages of protein aggregation in test systems in the presence of β -crystallin. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 358-365.	7.5	19
69	Dissociative mechanism for irreversible thermal denaturation of oligomeric proteins. <i>Biophysical Reviews</i> , 2016, 8, 397-407.	3.2	19
70	Self-Association of Human Erythrocyte Phosphofructokinase. Kinetic Behaviour in Dependence on Enzyme Concentration and Mode of Association. <i>FEBS Journal</i> , 1976, 61, 181-190.	0.2	18
71	Effect of osmolytes on the interaction of flavin adenine dinucleotide with muscle glycogen phosphorylase b. <i>Biophysical Chemistry</i> , 2005, 113, 61-66.	2.8	18
72	Comparative Analysis of the Effects of β -Crystallin and GroEL on the Kinetics of Thermal Aggregation of Rabbit Muscle Glyceraldehyde-3-Phosphate Dehydrogenase. <i>Protein Journal</i> , 2010, 29, 11-25.	1.6	18

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73	Kinetic regime of thermal aggregation of holo- and apoglycogen phosphorylases b. International Journal of Biological Macromolecules, 2016, 92, 1252-1257.	7.5	18
74	Association-dissociation behavior of erythrocyte phosphofructokinase and tumor pyruvate kinase. Advances in Enzyme Regulation, 1975, 13, 247-277.	2.6	17
75	Effect of 2-hydroxypropyl- β -cyclodextrin on thermal inactivation, denaturation and aggregation of glyceraldehyde-3-phosphate dehydrogenase from rabbit skeletal muscle. International Journal of Biological Macromolecules, 2010, 46, 487-492.	7.5	17
76	Dual effect of arginine on aggregation of phosphorylase kinase. International Journal of Biological Macromolecules, 2014, 68, 225-232.	7.5	17
77	Anti-aggregation activity of small heat shock proteins under crowded conditions. International Journal of Biological Macromolecules, 2017, 100, 97-103.	7.5	17
78	Self-association of phosphorylase kinase from rabbit skeletal muscle in the presence of natural osmolyte, trimethylamine N-oxide. , 2002, , 70-76.		16
79	Two-state irreversible thermal denaturation of Euphorbia characias latex amine oxidase. Biophysical Chemistry, 2007, 125, 254-259.	2.8	16
80	Effect of 2-hydroxypropyl- β -cyclodextrin on thermal stability and aggregation of glycogen phosphorylase from rabbit skeletal muscle. Biopolymers, 2010, 93, 986-993.	2.4	16
81	Concentration dependence of chaperone-like activities of β -crystallin, β -crystallin and proline. International Journal of Biological Macromolecules, 2012, 50, 1341-1345.	7.5	16
82	Characterization of arginine preventive effect on heat-induced aggregation of insulin. International Journal of Biological Macromolecules, 2020, 145, 1039-1048.	7.5	16
83	Adsorption of peripheral enzymes to membrane anchor proteins. Journal of Theoretical Biology, 1984, 111, 707-723.	1.7	15
84	Thermal inactivation, denaturation and aggregation of mitochondrial aspartate aminotransferase. Biophysical Chemistry, 2008, 135, 125-131.	2.8	15
85	Quantification of anti-aggregation activity of UV-irradiated β -crystallin. International Journal of Biological Macromolecules, 2015, 73, 84-91.	7.5	15
86	Selection of Test Systems for Estimation of Anti-aggregation Activity of Molecular Chaperones. Biochemistry and Analytical Biochemistry: Current Research, 2015, 04, .	0.4	15
87	Irreversible thermal denaturation of lipase B from Candida rugosa. Thermochemica Acta, 1999, 325, 143-149.	2.7	14
88	A tentative mechanism of the ternary complex formation between phosphorylase kinase, glycogen phosphorylase and glycogen. FEBS Letters, 1999, 445, 173-176.	2.8	14
89	A Protein Aggregation Based Test for Screening of the Agents Affecting Thermostability of Proteins. PLoS ONE, 2011, 6, e22154.	2.5	14
90	Effect of Ca ²⁺ and Mg ²⁺ ions on oligomeric state and chaperone-like activity of β -crystallin in crowded media. International Journal of Biological Macromolecules, 2015, 76, 86-93.	7.5	14

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91	Effect of Arginine on Chaperone-Like Activity of HspB6 and Monomeric 14-3-3 η . International Journal of Molecular Sciences, 2020, 21, 2039.	4.1	14
92	Regulation of Muscle Glycogen Phosphorylase by Physiological Effectors. Biotechnology and Genetic Engineering Reviews, 2001, 18, 265-297.	6.2	13
93	Self-Association of Phosphorylase Kinase under Molecular Crowding Conditions. , 0, , 83-92.		13
94	Cooperative self-association of phosphorylase kinase from rabbit skeletal muscle. Biophysical Chemistry, 2008, 133, 45-53.	2.8	13
95	Effect of GroEL on Thermal Aggregation of Glycogen Phosphorylase <i>b</i> from Rabbit Skeletal Muscle. Macromolecular Bioscience, 2010, 10, 768-774.	4.1	12
96	Effect of arginine on stability and aggregation of muscle glycogen phosphorylase <i>b</i> . International Journal of Biological Macromolecules, 2020, 165, 365-374.	7.5	12
97	The congenital cataract-causing mutations P20R and A171T are associated with important changes in the amyloidogenic feature, structure and chaperone-like activity of human β -crystallin. Biopolymers, 2020, 111, e23350.	2.4	12
98	The Functioning of Chaperones Possessing the Anti-Aggregation Activity in a Crowded Medium. Biochemistry and Analytical Biochemistry: Current Research, 2013, 02, .	0.4	11
99	A thermal after-effect of UV irradiation of muscle glycogen phosphorylase <i>b</i> . PLoS ONE, 2017, 12, e0189125.	2.5	11
100	Chaperone-Like Activity of HSPB5: The Effects of Quaternary Structure Dynamics and Crowding. International Journal of Molecular Sciences, 2020, 21, 4940.	4.1	11
101	A change in the pathway of dithiothreitol-induced aggregation of bovine serum albumin in the presence of polyamines and arginine. International Journal of Biological Macromolecules, 2017, 104, 889-899.	7.5	10
102	Mechanism of aggregation of UV-irradiated glycogen phosphorylase <i>b</i> at a low temperature in the presence of crowders and trimethylamine N-oxide. Biophysical Chemistry, 2018, 232, 12-21.	2.8	10
103	Analysis of negative cooperativity for glutamate dehydrogenase. Biophysical Chemistry, 2000, 87, 185-199.	2.8	9
104	Low cetyltrimethylammonium bromide concentrations induce reversible amorphous aggregation of tobacco mosaic virus and its coat protein at room temperature. International Journal of Biochemistry and Cell Biology, 2006, 38, 533-543.	2.8	9
105	Checking for reversibility of aggregation of UV-irradiated glycogen phosphorylase <i>b</i> under crowding conditions. International Journal of Biological Macromolecules, 2016, 86, 829-839.	7.5	9
106	Comparative effects of trehalose and 2-hydroxypropyl- β -cyclodextrin on aggregation of UV-irradiated muscle glycogen phosphorylase <i>b</i> . Biochimie, 2019, 165, 196-205.	2.6	9
107	Oligomeric state of β -crystallin under crowded conditions. Biochemical and Biophysical Research Communications, 2019, 508, 1101-1105.	2.1	9
108	Amperometric biosensors with a laminated distribution of enzymes in their coating. Steady-state kinetics. Biosensors and Bioelectronics, 1996, 11, 45-51.	10.1	8

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109	Origin of biochemical organization. <i>BioSystems</i> , 1997, 42, 103-110.	2.0	8
110	Effect of $\hat{\pm}$ -crystallin on thermostability of mitochondrial aspartate aminotransferase. <i>International Journal of Biological Macromolecules</i> , 2009, 44, 441-446.	7.5	8
111	The concept of biochemical organization. <i>Trends in Biochemical Sciences</i> , 1993, 18, 405-406.	7.5	7
112	Thermal Denaturation and Aggregation Assays in Analytical Biochemistry. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2013, 02, .	0.4	7
113	The biochemical association between R157H mutation in human $\hat{\pm}$ B-crystallin and development of cardiomyopathy: Structural and functional analyses of the mutant protein. <i>Biochimie</i> , 2021, 190, 36-49.	2.6	7
114	Structural and functional studies of D109A human $\hat{\pm}$ B-crystallin contributing to the development of cataract and cardiomyopathy diseases. <i>PLoS ONE</i> , 2021, 16, e0260306.	2.5	7
115	Combined kinetic mechanism describing activation and inhibition of muscle glycogen phosphorylase b by adenosine 5 $\hat{\pm}$ -monophosphate. <i>Biophysical Chemistry</i> , 2001, 92, 89-102.	2.8	6
116	Kinetic regime of aggregation of UV-irradiated glyceraldehyde-3-phosphate dehydrogenase from rabbit skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1182-1186.	2.1	6
117	Effect of CdS nanoparticles on the properties of a protein matrix. <i>Inorganic Materials</i> , 2011, 47, 830-836.	0.8	5
118	How to Quantify the Chaperone-Like (Anti-Aggregation) Activity?. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2012, 02, .	0.4	5
119	The Photovoltaic Effect of CdS Quantum Dots Synthesized in Inverse Micelles and R-Phycocerythrin Tunnel Cavities. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1141-1150.	2.9	5
120	What can we get from varying scan rate in protein differential scanning calorimetry?. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 151-159.	7.5	5
121	Importance of the positively charged residue at position 54 to the chaperoning function, conformational stability and amyloidogenic nature of human $\hat{\pm}$ A-crystallin. <i>Journal of Biochemistry</i> , 2018, 163, 187-199.	1.7	5
122	Effect of ionic strength and arginine on aggregation of UV-irradiated muscle glycogen phosphorylase b. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1193-1202.	7.5	5
123	Kinetic data analysis of chaperone-like activity of Wt, R69C and D109H $\hat{\pm}$ B-crystallins. <i>Data in Brief</i> , 2020, 28, 104922.	1.0	5
124	Combined action of chemical chaperones on stability, aggregation and oligomeric state of muscle glycogen phosphorylase b. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 406-416.	7.5	5
125	Effect of Trehalose on Oligomeric State and Anti-Aggregation Activity of $\hat{\pm}$ B-Crystallin. <i>Biochemistry (Moscow)</i> , 2022, 87, 121-130.	1.5	4
126	Effect of Betaine and Arginine on Interaction of $\hat{\pm}$ B-Crystallin with Glycogen Phosphorylase b. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3816.	4.1	4

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127	Adducts of proteins and water-soluble poly(alkylene oxides). Russian Chemical Reviews, 1995, 64, 277-290.	6.5	3
128	Theoretical model of interactions between ligand-binding sites in a dimeric protein and its application for the analysis of thiamine diphosphate binding to yeast transketolase. Biophysical Chemistry, 2006, 124, 106-114.	2.8	3
129	Structural and functional alteration of human α -crystallin after exposure to full spectrum solar radiation and preventive role of lens antioxidants. International Journal of Biological Macromolecules, 2018, 118, 1120-1130.	7.5	3
130	AgO Nanoparticles Synthesized in R-phycoerythrin: Change in Bioconjugate Properties upon Ripening of Nanoparticles. Current Pharmaceutical Biotechnology, 2018, 19, 422-427.	1.6	3
131	The mechanism of thermal aggregation of glutamate dehydrogenase. The effect of chemical chaperones. Biochimie, 2022, 195, 27-38.	2.6	3
132	Protein Conjugates with Water-Soluble Poly(alkylene oxide)s Entrapped in Hydrated Reversed Micelles. Bioconjugate Chemistry, 1997, 8, 637-642.	3.6	2
133	Studies on interaction of phosphorylase kinase from rabbit skeletal muscle with glycogen in the presence of ATP and ADP. BBA - Proteins and Proteomics, 2001, 1549, 188-196.	2.1	2
134	Relationship between the Structure and Chaperone Activity of Human α -Crystallin after Its Modification with Diabetes-Associated Oxidative Agents and Protective Role of Antioxidant Compounds. Biochemistry (Moscow), 2022, 87, 91-105.	1.5	2
135	Protein aggregation. International Journal of Biological Macromolecules, 2017, 100, 1-2.	7.5	1
136	Kinetic regime of Ca ²⁺ and Mg ²⁺ -induced aggregation of phosphorylase kinase at 40°C. International Journal of Biological Macromolecules, 2019, 138, 181-187.	7.5	1
137	Continuous Enzymatic Assay for Phosphorylase Kinase in a Monocascade Enzyme System. Analytical Biochemistry, 1997, 244, 45-49.	2.4	0
138	In memory of Boris Fedorovich Poglazov (1930-2001). Biochemistry (Moscow), 2004, 69, 1175-1176.	1.5	0
139	New Physiological Function of Chaperones, Facilitating Reconstitution of Apoenzymes. Biochemistry and Analytical Biochemistry: Current Research, 2014, 3, .	0.4	0
140	Analysis of the data on titration of native and peroxynitrite modified α - and β -crystallins by Cu ²⁺ -ions. Data in Brief, 2020, 30, 105492.	1.0	0