Boris I Kurganov

List of Publications by Year
in descending order

140	3,580	147566	189595
papers	citations	31 h-index	50 g-index

141	141	141	2750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kinetics of Thermal Denaturation and Aggregation of Bovine Serum Albumin. PLoS ONE, 2016, 11, e0153495.	1.1	160
2	Biochemical effects of molecular crowding. Biochemistry (Moscow), 2004, 69, 1239-1251.	0.7	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.	0.2	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.	1.5	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.	0.7	107
6	Criterion for Hill equation validity for description of biosensor calibration curves. Analytica Chimica Acta, 2001, 427, 11-19.	2.6	97
7	Protein Folding, Misfolding, and Aggregation. Formation of Inclusion Bodies and Aggresomes. Biochemistry (Moscow), 2004, 69, 971-984.	0.7	92
8	Mechanism of Chaperone-like Activity. Suppression of Thermal Aggregation of Î²L-Crystallin by Î±-Crystallinâ€. Biochemistry, 2005, 44, 15480-15487.	1.2	69
9	Kinetics of heat- and acidification-induced aggregation of firefly luciferase. Biophysical Chemistry, 2003, 106, 97-109.	1.5	67
10	Supramolecular organization of glycolytic enzymes. Journal of Theoretical Biology, 1985, 116, 509-526.	0.8	65
11	Mechanism of Thermal Aggregation of Rabbit Muscle Glyceraldehyde-3-phosphate Dehydrogenaseâ€. Biochemistry, 2006, 45, 13375-13384.	1.2	58
12	Osmophobic Effect of Glycerol on Irreversible Thermal Denaturation of Rabbit Creatine Kinase. Biophysical Journal, 2004, 87, 2247-2254.	0.2	56
13	Aggregation of liposomes induced by the toxic peptides Alzheimerâ€™s AÎ²s, human amylin and prion (106â€“126): facilitation by membrane-bound GM1 ganglioside. Peptides, 2004, 25, 217-232.	1.2	56
14	Supramolecular organization of tricarboxylic acid cycle enzymes. BioSystems, 1989, 22, 91-102.	0.9	52
15	Mechanism of Suppression of Protein Aggregation by Î±-Crystallin. International Journal of Molecular Sciences, 2009, 10, 1314-1345.	1.8	52
16	Effect of Î±-crystallin on thermal denaturation and aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. Biophysical Chemistry, 2007, 125, 521-531.	1.5	51
17	Kinetics of thermal aggregation of tobacco mosaic virus coat protein. Biochemistry (Moscow), 2002, 67, 525-533.	0.7	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.	1.5	48

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19	Interaction of Polyanions with Basic Proteins, 2. Macromolecular Bioscience, 2005, 5, 1184-1192.	2.1	46
20	The theoretical analysis of kinetic behaviour of â€œhystereticâ€•allosteric enzymes. I. The kinetic manifestations of slow conformational change of an oligomeric enyzme in the Monod, Wyman and Changeux model. Journal of Theoretical Biology, 1976, 60, 247-269.	0.8	45
21	Does the Crowded Cell-like Environment Reduce the Chaperone-like Activity of Î±-Crystallin?. Biochemistry, 2011, 50, 10607-10623.	1.2	45
22	Dissociative Mechanism of Thermal Denaturation of Rabbit Skeletal Muscle Glycogen Phosphorylasebâ€. Biochemistry, 2000, 39, 13144-13152.	1.2	44
23	Two-state irreversible thermal denaturation of muscle creatine kinase. Biophysical Chemistry, 1999, 79, 199-204.	1.5	43
24	Kinetics of thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle: Mechanism of protective action of Î±â€crystallin. Biopolymers, 2008, 89, 124-134.	1.2	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. FEBS Journal, 1992, 210, 147-153.	0.2	40
26	Copper chaperones, intracellular copper trafficking proteins. Function, structure, and mechanism of action. Biochemistry (Moscow), 2003, 68, 827-837.	0.7	39
27	Evidence for the formation of start aggregates as an initial stage of protein aggregation. FEBS Letters, 2007, 581, 4223-4227.	1.3	39
28	The study of amorphous aggregation of tobacco mosaic virus coat protein by dynamic light scattering. Biophysical Chemistry, 2007, 127, 9-18.	1.5	38
29	Estimation of dissociation constant of enzyme-ligand complex from fluorometric data by â€œdifferenceâ€• method. FEBS Letters, 1972, 19, 308-310.	1.3	37
30	Mechanism of aggregation of UV-irradiated Î²L-crystallin. Experimental Eye Research, 2011, 92, 76-86.	1.2	33
31	A change in the aggregation pathway of bovine serum albumin in the presence of arginine and its derivatives. Scientific Reports, 2017, 7, 3984.	1.6	33
32	The role of multienzyme complexes in integration of cellular metabolism. Journal of Theoretical Biology, 1986, 119, 445-455.	0.8	32
33	Quantification of Anti-Aggregation Activity of Chaperones: A Test-System Based on Dithiothreitol-Induced Aggregation of Bovine Serum Albumin. PLoS ONE, 2013, 8, e74367.	1.1	31
34	A novel approach to study of action of water-insoluble inhibitors of enzymic reactions. Journal of Proteomics, 1985, 11, 177-184.	2.4	30
35	Irreversible thermal denaturation of uridine phosphorylase from Escherichia coli K-12. Biophysical Chemistry, 1998, 70, 247-257.	1.5	30
36	Paradoxical Acceleration of Dithiothreitol-Induced Aggregation of Insulin in the Presence of a Chaperone. International Journal of Molecular Sciences, 2010, 11, 4556-4579.	1.8	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. Biophysical Chemistry, 2012, 163-164, 11-20.	1.5	30
38	Quantification of anti-aggregation activity of chaperones. International Journal of Biological Macromolecules, 2017, 100, 104-117.	3.6	30
39	Antiaggregation activity of chaperones and its quantification. Biochemistry (Moscow), 2013, 78, 1554-1566.	0.7	29
40	Mechanism of thermal aggregation of yeast alcohol dehydrogenase I. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1286-1293.	1.1	28
41	Steady-state kinetics of cyclic conversions of substrate in amperometric bienzyme sensors. Biosensors and Bioelectronics, 1996, 11, 225-238.	5.3	27
42	Kinetic regime of dithiothreitol-induced aggregation of bovine serum albumin. International Journal of Biological Macromolecules, 2015, 80, 130-138.	3.6	27
43	Evaluation of structure, chaperone-like activity and protective ability of peroxynitrite modified human Î±-Crystallin subunits against copper-mediated ascorbic acid oxidation. International Journal of Biological Macromolecules, 2016, 87, 208-221.	3.6	27
44	The theoretical analysis of kinetic behaviour of â€œhystereticâ€•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. Journal of Theoretical Biology, 1976, 60, 287-299.	0.8	26
45	Effect of molecular crowding on self-association of phosphorylase kinase and its interaction with phosphorylaseb and glycogen. Journal of Molecular Recognition, 2004, 17, 426-432.	1.1	26
46	Mechanism of suppression of dithiothreitol-induced aggregation of bovine Î±-lactalbumin by Î±-crystallin. Biophysical Chemistry, 2010, 146, 108-117.	1.5	26
47	The impact of different mutations at Arg54 on structure, chaperone-like activity and oligomerization state of human Î±A-crystallin: The pathomechanism underlying congenital cataract-causing mutations R54L, R54P and R54C. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 604-618.	1.1	25
48	Influence of Osmolytes on Inactivation and Aggregation of Muscle Glycogen Phosphorylase b by Guanidine Hydrochloride. Stimulation of Protein Aggregation under Crowding Conditions. Biochemistry (Moscow), 2005, 70, 1020-1026.	0.7	24
49	Interaction of Hsp27 with Native Phosphorylase Kinase under Crowding Conditions. Macromolecular Bioscience, 2010, 10, 783-789.	2.1	24
50	Appraisal of role of the polyanionic inducer length on amyloid formation by 412-residue 1N4R Tau protein: A comparative study. Archives of Biochemistry and Biophysics, 2016, 609, 1-19.	1.4	24
51	Kinetic studies on reduction of cytochromes P-450 and b5 by dithionite. FEBS Journal, 1985, 150, 155-159.	0.2	23
52	Pyridoxal 5'-phosphate as a catalytic and conformational cofactor of muscle glycogen phosphorylase B. Biochemistry (Moscow), 2002, 67, 1089-1098.	0.7	23
53	Change in kinetic regime of protein aggregation with temperature increase. Thermal aggregation of rabbit muscle creatine kinase. Biochemistry (Moscow), 2006, 71, 325-331.	0.7	23
54	Effect of gamma-ray irradiation on the size and properties of CdS quantum dots in reverse micelles. Radiation Physics and Chemistry, 2013, 92, 87-92.	1.4	23

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55	Structural and functional characterization of D109H and R69C mutant versions of human Î±B-crystallin: The biochemical pathomechanism underlying cataract and myopathy development. International Journal of Biological Macromolecules, 2020, 146, 1142-1160.	3.6	23
56	Effect of Î±-crystallin on thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle. Biochemistry (Moscow), 2007, 72, 518-528.	0.7	22
57	Thermal denaturation and aggregation of apoform of glycogen phosphorylase b. Effect of crowding agents and chaperones. Biopolymers, 2014, 101, 504-516.	1.2	22
58	Noncovalent Adducts of Poly(ethylene glycols) with Proteins. Bioconjugate Chemistry, 2000, 11, 22-29.	1.8	21
59	Thermal stability and aggregation of creatine kinase from rabbit skeletal muscle.. Biophysical Chemistry, 2010, 148, 121-130.	1.5	21
60	Differential Scanning Calorimetry Study on Thermal Denaturation of Human Carbonic Anhydrase II. Journal of Chemical & Engineering Data, 2011, 56, 1158-1162.	1.0	21
61	Effect of crowding and chaperones on self-association, aggregation and reconstitution of apophosphorylase b. International Journal of Biological Macromolecules, 2013, 60, 69-76.	3.6	21
62	Relationship between the initial rate of protein aggregation and the lag period for amorphous aggregation. International Journal of Biological Macromolecules, 2014, 68, 144-150.	3.6	21
63	A mechanism of macroscopic (amorphous) aggregation of the tobacco mosaic virus coat protein. International Journal of Biochemistry and Cell Biology, 2003, 35, 1452-1460.	1.2	20
64	Antibacterial Proline-Rich Oligopeptides and Their Target Proteins. Biochemistry (Moscow), 2004, 69, 1082-1091.	0.7	20
65	Thermal Denaturation and Aggregation of Myosin Subfragment 1 Isoforms with Different Essential Light Chains. International Journal of Molecular Sciences, 2010, 11, 4194-4226.	1.8	20
66	Kinetics of soybean lipoxygenase reaction in hydrated reversed micelles. Biochimie, 1989, 71, 573-578.	1.3	19
67	Study of kinetics of thermal aggregation of mitochondrial aspartate aminotransferase by dynamic light scattering: protective effect of Î±-crystallin. European Biophysics Journal, 2009, 38, 547-556.	1.2	19
68	Effect of crowding on several stages of protein aggregation in test systems in the presence of Î±-crystallin. International Journal of Biological Macromolecules, 2015, 80, 358-365.	3.6	19
69	Dissociative mechanism for irreversible thermal denaturation of oligomeric proteins. Biophysical Reviews, 2016, 8, 397-407.	1.5	19
70	Self-Association of Human Erythrocyte Phosphofructokinase. Kinetic Behaviour in Dependence on Enzyme Concentration and Mode of Association. FEBS Journal, 1976, 61, 181-190.	0.2	18
71	Effect of osmolytes on the interaction of flavin adenine dinucleotide with muscle glycogen phosphorylase b. Biophysical Chemistry, 2005, 113, 61-66.	1.5	18
72	Comparative Analysis of the Effects of Î±-Crystallin and GroEL on the Kinetics of Thermal Aggregation of Rabbit Muscle Glyceraldehyde-3-Phosphate Dehydrogenase. Protein Journal, 2010, 29, 11-25.	0.7	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.	3.6	18
74	Association-dissociation behavior of erythrocyte phosphofructokinase and tumor pyruvate kinase. Advances in Enzyme Regulation, 1975, 13, 247-277.	2.9	17
75	Effect of 2-hydroxypropyl-Î²-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.	3.6	17
76	Dual effect of arginine on aggregation of phosphorylase kinase. International Journal of Biological Macromolecules, 2014, 68, 225-232.	3.6	17
77	Anti-aggregation activity of small heat shock proteins under crowded conditions. International Journal of Biological Macromolecules, 2017, 100, 97-103.	3.6	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.	1.5	16
80	Effect of 2â€hydroxypropylâ€Î²â€cyclodextrin on thermal stability and aggregation of glycogen phosphorylase b from rabbit skeletal muscle. Biopolymers, 2010, 93, 986-993.	1.2	16
81	Concentration dependence of chaperone-like activities of Î±-crystallin, Î±B-crystallin and proline. International Journal of Biological Macromolecules, 2012, 50, 1341-1345.	3.6	16
82	Characterization of arginine preventive effect on heat-induced aggregation of insulin. International Journal of Biological Macromolecules, 2020, 145, 1039-1048.	3.6	16
83	Adsorption of peripheral enzymes to membrane anchor proteins. Journal of Theoretical Biology, 1984, 111, 707-723.	0.8	15
84	Thermal inactivation, denaturation and aggregation of mitochondrial aspartate aminotransferase. Biophysical Chemistry, 2008, 135, 125-131.	1.5	15
85	Quantification of anti-aggregation activity of UV-irradiated Î±-crystallin. International Journal of Biological Macromolecules, 2015, 73, 84-91.	3.6	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. Thermochimica Acta, 1999, 325, 143-149.	1.2	14
88	A tentative mechanism of the ternary complex formation between phosphorylase kinase, glycogen phosphorylaseband glycogen. FEBS Letters, 1999, 445, 173-176.	1.3	14
89	A Protein Aggregation Based Test for Screening of the Agents Affecting Thermostability of Proteins. PLoS ONE, 2011, 6, e22154.	1.1	14
90	Effect of Ca2+ and Mg2+ ions on oligomeric state and chaperone-like activity of Î±B-crystallin in crowded media. International Journal of Biological Macromolecules, 2015, 76, 86-93.	3.6	14

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91	Effect of Arginine on Chaperone-Like Activity of HspB6 and Monomeric 14-3-3Î¶. International Journal of Molecular Sciences, 2020, 21, 2039.	1.8	14
92	Regulation of Muscle Glycogen Phospfaorylase by Physiological Effectors. Biotechnology and Genetic Engineering Reviews, 2001, 18, 265-297.	2.4	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.	1.5	13
95	Effect of GroEL on Thermal Aggregation of Glycogen Phosphorylase b from Rabbit Skeletal Muscle. Macromolecular Bioscience, 2010, 10, 768-774.	2.1	12
96	Effect of arginine on stability and aggregation of muscle glycogen phosphorylase b. International Journal of Biological Macromolecules, 2020, 165, 365-374.	3.6	12
97	The congenital cataractâ€causing mutations P20R and A171T are associated with important changes in the amyloidogenic feature, structure and chaperoneâ€like activity of human Î±Bâ€crystallin. Biopolymers, 2020, 111, e23350.	1.2	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 b. PLoS ONE, 2017, 12, e0189125.	1.1	11
100	Chaperone-Like Activity of HSPB5: The Effects of Quaternary Structure Dynamics and Crowding. International Journal of Molecular Sciences, 2020, 21, 4940.	1.8	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.	3.6	10
102	Mechanism of aggregation of UV-irradiated glycogen phosphorylase b at a low temperature in the presence of crowders and trimethylamine N-oxide. Biophysical Chemistry, 2018, 232, 12-21.	1.5	10
103	Analysis of negative cooperativity for glutamate dehydrogenase. Biophysical Chemistry, 2000, 87, 185-199.	1.5	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.	1.2	9
105	Checking for reversibility of aggregation of UV-irradiated glycogen phosphorylase b under crowding conditions. International Journal of Biological Macromolecules, 2016, 86, 829-839.	3.6	9
106	Comparative effects of trehalose and 2-hydroxypropyl-Î²-cyclodextrin on aggregation of UV-irradiated muscle glycogen phosphorylase b. Biochimie, 2019, 165, 196-205.	1.3	9
107	Oligomeric state of Î±B-crystallin under crowded conditions. Biochemical and Biophysical Research Communications, 2019, 508, 1101-1105.	1.0	9
108	Amperometric biosensors with a laminated distribution of enzymes in their coating. Steady-state kinetics. Biosensors and Bioelectronics, 1996, 11, 45-51.	5.3	8

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109	Origin of biochemical organization. BioSystems, 1997, 42, 103-110.	0.9	8
110	Effect of Î±-crystallin on thermostability of mitochondrial aspartate aminotransferase. International Journal of Biological Macromolecules, 2009, 44, 441-446.	3.6	8
111	The concept of biochemical organization. Trends in Biochemical Sciences, 1993, 18, 405-406.	3.7	7
112	Thermal Denaturation and Aggregation Assays in Analytical Biochemistry. Biochemistry and Analytical Biochemistry: Current Research, 2013, 02, .	0.4	7
113	The biochemical association between R157H mutation in human Î±B-crystallin and development of cardiomyopathy: Structural and functional analyses of the mutant protein. Biochimie, 2021, 190, 36-49.	1.3	7
114	Structural and functional studies of D109A human Î±B-crystallin contributing to the development of cataract and cardiomyopathy diseases. PLoS ONE, 2021, 16, e0260306.	1.1	7
115	Combined kinetic mechanism describing activation and inhibition of muscle glycogen phosphorylase b by adenosine 5â€²-monophosphate. Biophysical Chemistry, 2001, 92, 89-102.	1.5	6
116	Kinetic regime of aggregation of UV-irradiated glyceraldehyde-3-phosphate dehydrogenase from rabbit skeletal muscle. Biochemical and Biophysical Research Communications, 2018, 495, 1182-1186.	1.0	6
117	Effect of CdS nanoparticles on the properties of a protein matrix. Inorganic Materials, 2011, 47, 830-836.	0.2	5
118	How to Quantify the Chaperone-Like (Anti-Aggregation) Activity?. Biochemistry and Analytical Biochemistry: Current Research, 2012, 02, .	0.4	5
119	The Photovoltaic Effect of CdS Quantum Dots Synthesized in Inverse Micelles and R-Phycoerythrin Tunnel Cavities. Applied Biochemistry and Biotechnology, 2015, 176, 1141-1150.	1.4	5
120	What can we get from varying scan rate in protein differential scanning calorimetry?. International Journal of Biological Macromolecules, 2017, 99, 151-159.	3.6	5
121	Importance of the positively charged residue at position 54 to the chaperoning function, conformational stability and amyloidogenic nature of human Î±A-crystallin. Journal of Biochemistry, 2018, 163, 187-199.	0.9	5
122	Effect of ionic strength and arginine on aggregation of UV-irradiated muscle glycogen phosphorylase b. International Journal of Biological Macromolecules, 2018, 118, 1193-1202.	3.6	5
123	Kinetic data analysis of chaperone-like activity of Wt, R69C and D109H Î±B-crystallins. Data in Brief, 2020, 28, 104922.	0.5	5
124	Combined action of chemical chaperones on stability, aggregation and oligomeric state of muscle glycogen phosphorylase b. International Journal of Biological Macromolecules, 2022, 203, 406-416.	3.6	5
125	Effect of Trehalose on Oligomeric State and Anti-Aggregation Activity of Î±B-Crystallin. Biochemistry (Moscow), 2022, 87, 121-130.	0.7	4
126	Effect of Betaine and Arginine on Interaction of Î±B-Crystallin with Glycogen Phosphorylase b. International Journal of Molecular Sciences, 2022, 23, 3816.	1.8	4

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127	Adducts of proteins and water-soluble poly(alkylene oxides). Russian Chemical Reviews, 1995, 64, 277-290.	2.5	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.	1.5	3
129	Structural and functional alteration of human Î±A-crystallin after exposure to full spectrum solar radiation and preventive role of lens antioxidants. International Journal of Biological Macromolecules, 2018, 118, 1120-1130.	3.6	3
130	Ag0 Nanoparticles Synthesized in R-phycoerythrin: Change in Bioconjugate Properties upon Ripening of Nanoparticles. Current Pharmaceutical Biotechnology, 2018, 19, 422-427.	0.9	3
131	The mechanism of thermal aggregation of glutamate dehydrogenase. The effect of chemical chaperones. Biochimie, 2022, 195, 27-38.	1.3	3
132	Protein Conjugates with Water-Soluble Poly(alkylene oxide)s Entrapped in Hydrated Reversed Micelles. Bioconjugate Chemistry, 1997, 8, 637-642.	1.8	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 Î±A-Crystallin after Its Modification with Diabetes-Associated Oxidative Agents and Protective Role of Antioxidant Compounds. Biochemistry (Moscow), 2022, 87, 91-105.	0.7	2
135	Protein aggregation. International Journal of Biological Macromolecules, 2017, 100, 1-2.	3.6	1
136	Kinetic regime of Ca2+ and Mg2+-induced aggregation of phosphorylase kinase at 40â€¯Â°C. International Journal of Biological Macromolecules, 2019, 138, 181-187.	3.6	1
137	Continuous Enzymatic Assay for Phosphorylase Kinase in a Monocascade Enzyme System. Analytical Biochemistry, 1997, 244, 45-49.	1.1	0
138	In memory of Boris Fedorovich Poglazov (1930?2001). Biochemistry (Moscow), 2004, 69, 1175-1176.	0.7	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 Î±A- and Î±B-crystallins by Cu2+-ions. Data in Brief, 2020, 30, 105492.	0.5	0