

Boris I Kurganov

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.

136
papers

3,154
citations

30
h-index

47
g-index

141
ext. papers

3,375
ext. citations

4.5
avg, IF

5.23
L-index

#	Paper	IF	Citations
136	Combined action of chemical chaperones on stability, aggregation and oligomeric state of muscle glycogen phosphorylase b.. <i>International Journal of Biological Macromolecules</i> , 2022 ,	7.9	1
135	Effect of Trehalose on Oligomeric State and Anti-Aggregation Activity of B-Crystallin.. <i>Biochemistry (Moscow)</i> , 2022 , 87, 121-130	2.9	1
134	Relationship between the Structure and Chaperone Activity of Human A-Crystallin after Its Modification with Diabetes-Associated Oxidative Agents and Protective Role of Antioxidant Compounds.. <i>Biochemistry (Moscow)</i> , 2022 , 87, 91-105	2.9	2
133	Structural and functional studies of D109A human B-crystallin contributing to the development of cataract and cardiomyopathy diseases. <i>PLoS ONE</i> , 2021 , 16, e0260306	3.7	1
132	The biochemical association between R157H mutation in human B-crystallin and development of cardiomyopathy: Structural and functional analyses of the mutant protein. <i>Biochimie</i> , 2021 , 190, 36-49	4.6	1
131	Analysis of the data on titration of native and peroxynitrite modified A- and B-crystallins by Cu-ions. <i>Data in Brief</i> , 2020 , 30, 105492	1.2	
130	Effect of Arginine on Chaperone-Like Activity of HspB6 and Monomeric 14-3-3 σ <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
129	The congenital cataract-causing mutations P20R and A171T are associated with important changes in the amyloidogenic feature, structure and chaperone-like activity of human B-crystallin. <i>Biopolymers</i> , 2020 , 111, e23350	2.2	5
128	Structural and functional characterization of D109H and R69C mutant versions of human B-crystallin: The biochemical pathomechanism underlying cataract and myopathy development. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 1142-1160	7.9	13
127	Kinetic data analysis of chaperone-like activity of Wt, R69C and D109H B-crystallins. <i>Data in Brief</i> , 2020 , 28, 104922	1.2	3
126	Characterization of arginine preventive effect on heat-induced aggregation of insulin. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 1039-1048	7.9	10
125	Chaperone-Like Activity of HSPB5: The Effects of Quaternary Structure Dynamics and Crowding. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
124	Effect of arginine on stability and aggregation of muscle glycogen phosphorylase b. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 365-374	7.9	5
123	Comparative effects of trehalose and 2-hydroxypropyl- β -cyclodextrin on aggregation of UV-irradiated muscle glycogen phosphorylase b. <i>Biochimie</i> , 2019 , 165, 196-205	4.6	7
122	Kinetic regime of Ca and Mg-induced aggregation of phosphorylase kinase at 40 °C. <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 181-187	7.9	0
121	Oligomeric state of B-crystallin under crowded conditions. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 1101-1105	3.4	7
120	Mechanism of aggregation of UV-irradiated glycogen phosphorylase b at a low temperature in the presence of crowders and trimethylamine N-oxide. <i>Biophysical Chemistry</i> , 2018 , 232, 12-21	3.5	7

119	Importance of the positively charged residue at position 54 to the chaperoning function, conformational stability and amyloidogenic nature of human A-crystallin. <i>Journal of Biochemistry</i> , 2018 , 163, 187-199	3.1	3
118	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	7.9	5
117	Ag Nanoparticles Synthesized in R-phycoerythrin: Change in Bioconjugate Properties upon Ripening of Nanoparticles. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 422-427	2.6	1
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	3.4	3
115	Structural and functional alteration of human A-crystallin after exposure to full spectrum solar radiation and preventive role of lens antioxidants. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1120-1130	7.9	3
114	Anti-aggregation activity of small heat shock proteins under crowded conditions. <i>International Journal of Biological Macromolecules</i> , 2017 , 100, 97-103	7.9	12
113	The impact of different mutations at Arg54 on structure, chaperone-like activity and oligomerization state of human 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	4	19
112	What can we get from varying scan rate in protein differential scanning calorimetry?. <i>International Journal of Biological Macromolecules</i> , 2017 , 99, 151-159	7.9	4
111	A thermal after-effect of UV irradiation of muscle glycogen phosphorylase b. <i>PLoS ONE</i> , 2017 , 12, e0189125	3.25	8
110	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	4.9	23
109	A change in the pathway of dithiothreitol-induced aggregation of bovine serum albumin in the presence of polyamines and arginine. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 889-899	7.9	8
108	Quantification of anti-aggregation activity of chaperones. <i>International Journal of Biological Macromolecules</i> , 2017 , 100, 104-117	7.9	24
107	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	4.1	18
106	Dissociative mechanism for irreversible thermal denaturation of oligomeric proteins. <i>Biophysical Reviews</i> , 2016 , 8, 397-407	3.7	16
105	Evaluation of structure, chaperone-like activity and protective ability of peroxynitrite modified human E-crystallin subunits against copper-mediated ascorbic acid oxidation. <i>International Journal of Biological Macromolecules</i> , 2016 , 87, 208-21	7.9	23
104	Checking for reversibility of aggregation of UV-irradiated glycogen phosphorylase b under crowding conditions. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 829-39	7.9	8
103	Kinetics of Thermal Denaturation and Aggregation of Bovine Serum Albumin. <i>PLoS ONE</i> , 2016 , 11, e0153495	3.45	116
102	Kinetic regime of thermal aggregation of holo- and apoglycogen phosphorylases b. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 1252-1257	7.9	13

101	Effect of Ca ²⁺ and Mg ²⁺ ions on oligomeric state and chaperone-like activity of β -crystallin in crowded media. <i>International Journal of Biological Macromolecules</i> , 2015 , 76, 86-93	7.9	10
100	Kinetic regime of dithiothreitol-induced aggregation of bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 130-8	7.9	23
99	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, 358-65	7.9	15
98	The Photovoltaic Effect of CdS Quantum Dots Synthesized in Inverse Micelles and R-Phycoerythrin Tunnel Cavities. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 176, 1141-50	3.2	2
97	Quantification of anti-aggregation activity of UV-irradiated β -crystallin. <i>International Journal of Biological Macromolecules</i> , 2015 , 73, 84-91	7.9	14
96	Selection of Test Systems for Estimation of Anti-aggregation Activity of Molecular Chaperones. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2015 , 04,		13
95	Thermal denaturation and aggregation of apoform of glycogen phosphorylase b. Effect of crowding agents and chaperones. <i>Biopolymers</i> , 2014 , 101, 504-16	2.2	19
94	Relationship between the initial rate of protein aggregation and the lag period for amorphous aggregation. <i>International Journal of Biological Macromolecules</i> , 2014 , 68, 144-50	7.9	19
93	Dual effect of arginine on aggregation of phosphorylase kinase. <i>International Journal of Biological Macromolecules</i> , 2014 , 68, 225-32	7.9	15
92	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	2.5	18
91	Antiaggregation activity of chaperones and its quantification. <i>Biochemistry (Moscow)</i> , 2013 , 78, 1554-66	2.9	26
90	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	7.9	17
89	Thermal Denaturation and Aggregation Assays in Analytical Biochemistry. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2013 , 02,		6
88	The Functioning of Chaperones Possessing the Anti-Aggregation Activity in a Crowded Medium. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2013 , 02,		11
87	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	3.7	26
86	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	3.5	23
85	Concentration dependence of chaperone-like activities of β -crystallin, α -crystallin and proline. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 1341-5	7.9	14
84	How to Quantify the Chaperone-Like (Anti-Aggregation) Activity?. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2012 , 02,		3

83	Differential Scanning Calorimetry Study on Thermal Denaturation of Human Carbonic Anhydrase II. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1158-1162	2.8	17
82	Mechanism of aggregation of UV-irradiated (L)-crystallin. <i>Experimental Eye Research</i> , 2011 , 92, 76-86	3.7	27
81	Does the crowded cell-like environment reduce the chaperone-like activity of β -crystallin?. <i>Biochemistry</i> , 2011 , 50, 10607-23	3.2	39
80	A protein aggregation based test for screening of the agents affecting thermostability of proteins. <i>PLoS ONE</i> , 2011 , 6, e22154	3.7	11
79	Effect of CdS nanoparticles on the properties of a protein matrix. <i>Inorganic Materials</i> , 2011 , 47, 830-836	0.9	3
78	Paradoxical acceleration of dithiothreitol-induced aggregation of insulin in the presence of a chaperone. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 4556-79	6.3	29
77	Effect of 2-hydroxypropyl-beta-cyclodextrin on thermal inactivation, denaturation and aggregation of glyceraldehyde-3-phosphate dehydrogenase from rabbit skeletal muscle. <i>International Journal of Biological Macromolecules</i> , 2010 , 46, 487-92	7.9	14
76	Thermal denaturation and aggregation of myosin subfragment 1 isoforms with different essential light chains. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 4194-226	6.3	14
75	Mechanism of suppression of dithiothreitol-induced aggregation of bovine alpha-lactalbumin by alpha-crystallin. <i>Biophysical Chemistry</i> , 2010 , 146, 108-17	3.5	23
74	Comparative analysis of the effects of alpha-crystallin and GroEL on the kinetics of thermal aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Protein Journal</i> , 2010 , 29, 11-25	3.9	18
73	Effect of 2-hydroxypropyl- β -cyclodextrin on thermal stability and aggregation of glycogen phosphorylase b from rabbit skeletal muscle. <i>Biopolymers</i> , 2010 , 93, 986-93	2.2	13
72	Effect of GroEL on thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle. <i>Macromolecular Bioscience</i> , 2010 , 10, 768-74	5.5	11
71	Interaction of Hsp27 with native phosphorylase kinase under crowding conditions. <i>Macromolecular Bioscience</i> , 2010 , 10, 783-9	5.5	20
70	Thermal stability and aggregation of creatine kinase from rabbit skeletal muscle. Effect of 2-hydroxypropyl-beta-cyclodextrin. <i>Biophysical Chemistry</i> , 2010 , 148, 121-30	3.5	18
69	Mechanism of suppression of protein aggregation by β -crystallin. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 1314-45	6.3	48
68	Study of kinetics of thermal aggregation of mitochondrial aspartate aminotransferase by dynamic light scattering: protective effect of alpha-crystallin. <i>European Biophysics Journal</i> , 2009 , 38, 547-56	1.9	18
67	Effect of proline on thermal inactivation, denaturation and aggregation of glycogen phosphorylase b from rabbit skeletal muscle. <i>Biophysical Chemistry</i> , 2009 , 141, 66-74	3.5	42
66	Effect of alpha-crystallin on thermostability of mitochondrial aspartate aminotransferase. <i>International Journal of Biological Macromolecules</i> , 2009 , 44, 441-6	7.9	8

65	Kinetics of thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle: mechanism of protective action of alpha-crystallin. <i>Biopolymers</i> , 2008 , 89, 124-34	2.2	40
64	Mechanism of thermal aggregation of yeast alcohol dehydrogenase I: role of intramolecular chaperone. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008 , 1784, 1286-93	4	25
63	Cooperative self-association of phosphorylase kinase from rabbit skeletal muscle. <i>Biophysical Chemistry</i> , 2008 , 133, 45-53	3.5	12
62	Thermal inactivation, denaturation and aggregation of mitochondrial aspartate aminotransferase. <i>Biophysical Chemistry</i> , 2008 , 135, 125-31	3.5	13
61	Effect of alpha-crystallin on thermal denaturation and aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Biophysical Chemistry</i> , 2007 , 125, 521-31	3.5	48
60	Effect of alpha-crystallin on thermal aggregation of glycogen phosphorylase b from rabbit skeletal muscle. <i>Biochemistry (Moscow)</i> , 2007 , 72, 518-28	2.9	21
59	Two-state irreversible thermal denaturation of Euphorbia characias latex amine oxidase. <i>Biophysical Chemistry</i> , 2007 , 125, 254-9	3.5	16
58	The study of amorphous aggregation of tobacco mosaic virus coat protein by dynamic light scattering. <i>Biophysical Chemistry</i> , 2007 , 127, 9-18	3.5	36
57	Evidence for the formation of start aggregates as an initial stage of protein aggregation. <i>FEBS Letters</i> , 2007 , 581, 4223-7	3.8	35
56	Mechanism of thermal aggregation of rabbit muscle glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemistry</i> , 2006 , 45, 13375-84	3.2	56
55	Low cetyltrimethylammonium bromide concentrations induce reversible amorphous aggregation of tobacco mosaic virus and its coat protein at room temperature. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 533-43	5.6	9
54	Change in kinetic regime of protein aggregation with temperature increase. Thermal aggregation of rabbit muscle creatine kinase. <i>Biochemistry (Moscow)</i> , 2006 , 71, 325-31	2.9	21
53	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. <i>Biophysical Chemistry</i> , 2006 , 124, 106-14	3.5	2
52	Mechanism of chaperone-like activity. Suppression of thermal aggregation of betaL-crystallin by alpha-crystallin. <i>Biochemistry</i> , 2005 , 44, 15480-7	3.2	66
51	Effect of osmolytes on the interaction of flavin adenine dinucleotide with muscle glycogen phosphorylase b. <i>Biophysical Chemistry</i> , 2005 , 113, 61-6	3.5	17
50	Interaction of polyanions with basic proteins, 2(a) : influence of complexing polyanions on the thermo-aggregation of oligomeric enzymes. <i>Macromolecular Bioscience</i> , 2005 , 5, 1184-92	5.5	42
49	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, 1020-6	2.9	23
48	Hsc70 and Hsp70 interact with phosphatidylserine on the surface of PC12 cells resulting in a decrease of viability. <i>FASEB Journal</i> , 2004 , 18, 1636-45	0.9	125

47	Protein folding, misfolding, and aggregation. Formation of inclusion bodies and aggregates. <i>Biochemistry (Moscow)</i> , 2004 , 69, 971-84	2.9	79
46	Antibacterial proline-rich oligopeptides and their target proteins. <i>Biochemistry (Moscow)</i> , 2004 , 69, 1082-91	2.9	16
45	In memory of Boris Fedorovich Poglazov (1930-2001). <i>Biochemistry (Moscow)</i> , 2004 , 69, 1175-1176	2.9	
44	Biochemical effects of molecular crowding. <i>Biochemistry (Moscow)</i> , 2004 , 69, 1239-51	2.9	127
43	Effect of molecular crowding on self-association of phosphorylase kinase and its interaction with phosphorylase b and glycogen. <i>Journal of Molecular Recognition</i> , 2004 , 17, 426-32	2.6	24
42	Osmophobic effect of glycerol on irreversible thermal denaturation of rabbit creatine kinase. <i>Biophysical Journal</i> , 2004 , 87, 2247-54	2.9	48
41	Aggregation of liposomes induced by the toxic peptides Alzheimer's Aβ, human amylin and prion (106-126): facilitation by membrane-bound GM1 ganglioside. <i>Peptides</i> , 2004 , 25, 217-32	3.8	52
40	Copper chaperones, intracellular copper trafficking proteins. Function, structure, and mechanism of action. <i>Biochemistry (Moscow)</i> , 2003 , 68, 827-37	2.9	34
39	Kinetics of heat- and acidification-induced aggregation of firefly luciferase. <i>Biophysical Chemistry</i> , 2003 , 106, 97-109	3.5	65
38	A mechanism of macroscopic (amorphous) aggregation of the tobacco mosaic virus coat protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 1452-60	5.6	20
37	Self-association of phosphorylase kinase from rabbit skeletal muscle in the presence of natural osmolyte, trimethylamine N-oxide 2002 , 70-76		14
36	Kinetics of protein aggregation. Quantitative estimation of the chaperone-like activity in test-systems based on suppression of protein aggregation. <i>Biochemistry (Moscow)</i> , 2002 , 67, 409-22	2.9	93
35	Kinetics of thermal aggregation of tobacco mosaic virus coat protein. <i>Biochemistry (Moscow)</i> , 2002 , 67, 525-33	2.9	42
34	Pyridoxal 5-phosphate as a catalytic and conformational cofactor of muscle glycogen phosphorylase B. <i>Biochemistry (Moscow)</i> , 2002 , 67, 1089-98	2.9	20
33	Combined kinetic mechanism describing activation and inhibition of muscle glycogen phosphorylase b by adenosine 5-monophosphate. <i>Biophysical Chemistry</i> , 2001 , 92, 89-102	3.5	2
32	Criterion for Hill equation validity for description of biosensor calibration curves. <i>Analytica Chimica Acta</i> , 2001 , 427, 11-19	6.6	76
31	Studies on interaction of phosphorylase kinase from rabbit skeletal muscle with glycogen in the presence of ATP and ADP. <i>BBA - Proteins and Proteomics</i> , 2001 , 1549, 188-96		1
30	Regulation of muscle glycogen phosphorylase by physiological effectors. <i>Biotechnology and Genetic Engineering Reviews</i> , 2001 , 18, 265-97	4.1	13

29	Analysis of negative cooperativity for glutamate dehydrogenase. <i>Biophysical Chemistry</i> , 2000 , 87, 185-99	3.5	8
28	Noncovalent adducts of poly(ethylene glycols) with proteins. <i>Bioconjugate Chemistry</i> , 2000 , 11, 22-9	6.3	19
27	Dissociative mechanism of thermal denaturation of rabbit skeletal muscle glycogen phosphorylase b. <i>Biochemistry</i> , 2000 , 39, 13144-52	3.2	41
26	Irreversible thermal denaturation of lipase B from <i>Candida rugosa</i> . <i>Thermochimica Acta</i> , 1999 , 325, 143-149	14.9	14
25	Two-state irreversible thermal denaturation of muscle creatine kinase. <i>Biophysical Chemistry</i> , 1999 , 79, 199-204	3.5	42
24	A tentative mechanism of the ternary complex formation between phosphorylase kinase, glycogen phosphorylase b and glycogen. <i>FEBS Letters</i> , 1999 , 445, 173-6	3.8	12
23	Irreversible thermal denaturation of uridine phosphorylase from <i>Escherichia coli</i> K-12. <i>Biophysical Chemistry</i> , 1998 , 70, 247-57	3.5	29
22	Protein conjugates with water-soluble poly(alkylene oxide)s entrapped in hydrated reversed micelles. <i>Bioconjugate Chemistry</i> , 1997 , 8, 637-42	6.3	1
21	Analysis of differential scanning calorimetry data for proteins. Criteria of validity of one-step mechanism of irreversible protein denaturation. <i>Biophysical Chemistry</i> , 1997 , 69, 125-35	3.5	104
20	Origin of biochemical organization. <i>BioSystems</i> , 1997 , 42, 103-10	1.9	7
19	Continuous enzymatic assay for phosphorylase kinase in a monocascade enzyme system. <i>Analytical Biochemistry</i> , 1997 , 244, 45-9	3.1	
18	Amperometric biosensors with a laminated distribution of enzymes in their coating. Steady-state kinetics. <i>Biosensors and Bioelectronics</i> , 1996 , 11, 45-51	11.8	7
17	Steady-state kinetics of cyclic conversions of substrate in amperometric bienzyme sensors. <i>Biosensors and Bioelectronics</i> , 1996 , 11, 225-238	11.8	20
16	Adducts of proteins and water-soluble poly(alkylene oxides). <i>Russian Chemical Reviews</i> , 1995 , 64, 277-290	8	3
15	The concept of biochemical organization. <i>Trends in Biochemical Sciences</i> , 1993 , 18, 405-6	10.3	7
14	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, 147-53		39
13	Supramolecular organization of tricarboxylic acid cycle enzymes. <i>BioSystems</i> , 1989 , 22, 91-102	1.9	49
12	Kinetics of soybean lipoxygenase reaction in hydrated reversed micelles. <i>Biochimie</i> , 1989 , 71, 573-8	4.6	17

11	The role of multienzyme complexes in integration of cellular metabolism. <i>Journal of Theoretical Biology</i> , 1986 , 119, 445-55	2.3	30
10	Supramolecular organization of glycolytic enzymes. <i>Journal of Theoretical Biology</i> , 1985 , 116, 509-26	2.3	59
9	Kinetic studies on reduction of cytochromes P-450 and b5 by dithionite. <i>FEBS Journal</i> , 1985 , 150, 155-9		21
8	A novel approach to study of action of water-insoluble inhibitors of enzymic reactions. <i>Journal of Proteomics</i> , 1985 , 11, 177-84		28
7	Adsorption of peripheral enzymes to membrane anchor proteins. <i>Journal of Theoretical Biology</i> , 1984 , 111, 707-23	2.3	15
6	Self-association of human erythrocyte phosphofructokinase. Kinetic behaviour in dependence on enzyme concentration and mode of association. <i>FEBS Journal</i> , 1976 , 61, 181-90		16
5	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, 247-69	2.3	42
4	The theoretical analysis of kinetic behaviour of kinetic behaviour of "hysteretic" 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, 287-99	2.3	25
3	Association-dissociation behavior of erythrocyte phosphofructokinase and tumor pyruvate kinase. <i>Advances in Enzyme Regulation</i> , 1975 , 13, 247-77		14
2	Estimation of dissociation constant of enzyme-ligand complex from fluorometric data by "difference" method. <i>FEBS Letters</i> , 1972 , 19, 308-310	3.8	34
1	Self-Association of Phosphorylase Kinase under Molecular Crowding Conditions83-92		13