

Georgy N Rychkov

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

177
citations

1307543

7
h-index

1125717

13
g-index

13
all docs

13
docs citations

13
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Partially Assembled Nucleosome Structures at Atomic Detail. <i>Biophysical Journal</i> , 2017, 112, 460-472.	0.5	50
2	H-bonding in protein hydration revisited. <i>Protein Science</i> , 2004, 13, 2120-2129.	7.6	40
3	AFM studies in diverse ionic environments of nucleosomes reconstituted on the 601 positioning sequence. <i>Biochimie</i> , 2016, 121, 5-12.	2.6	15
4	Joint neighbors approximation of macromolecular solvent accessible surface area. <i>Journal of Computational Chemistry</i> , 2007, 28, 1974-1989.	3.3	13
5	Improvement of the efficiency of transglycosylation catalyzed by β -galactosidase from <i>Thermotoga maritima</i> by protein engineering. <i>Biochemistry (Moscow)</i> , 2013, 78, 1112-1123.	1.5	13
6	Structural Insights into Interaction between Mammalian Methionine Sulfoxide Reductase B1 and Thioredoxin. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9.	3.0	10
7	De Novo Design of Stable β -Helices. <i>Methods in Molecular Biology</i> , 2014, 1216, 1-14.	0.9	8
8	New Evidence on a Distinction between A β ²⁴⁰ and A β ²⁴² Amyloids: Thioflavin T Binding Modes, Clustering Tendency, Degradation Resistance, and Cross-Seeding. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5513.	4.1	7
9	β -Galactobiosyl units: thermodynamics and kinetics of their formation by transglycosylations catalysed by the GH36 β -galactosidase from <i>Thermotoga maritima</i> . <i>Carbohydrate Research</i> , 2015, 401, 115-121.	2.3	6
10	Differential Binding Preference of Methylphosphoramide and Its Diboronated Derivatives to Albumin and Low Density Lipoproteins. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 639-646.	1.7	6
11	The method of integrated kinetics and its applicability to the exo-glycosidase-catalyzed hydrolysis of p-nitrophenyl glycosides. <i>Carbohydrate Research</i> , 2015, 412, 43-49.	2.3	4
12	Alkaptonuria in Russia: mutational spectrum and novel variants. <i>European Journal of Medical Genetics</i> , 2021, 64, 104165.	1.3	4
13	Novel derivatives of bacteriochlorophyll a: Complex formation with albumin and the mechanism of tumor cell photodamage. <i>Doklady Biochemistry and Biophysics</i> , 2014, 454, 17-20.	0.9	1