

Iztok Prislan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

323
citations

1040056

9
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic Basis of Human Telomeric DNA Folding into G-Quadruplex Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 9657-9663.	13.7	103
2	Rabankyrin ϵ Interacts with <i>EHD1</i> and <i>Vps26</i> to Regulate Endocytic Trafficking and Retromer Function. <i>Traffic</i> , 2012, 13, 745-757.	2.7	50
3	A New Pathway of DNA G-Quadruplex Formation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4881-4884.	13.8	39
4	Diverse Polymorphism of G-Quadruplexes as a Kinetic Phenomenon. <i>Journal of the American Chemical Society</i> , 2008, 130, 14161-14169.	13.7	26
5	Erythropoietin Unfolding: Thermodynamics and Its Correlation with Structural Features. <i>Biochemistry</i> , 2005, 44, 13883-13892.	2.5	20
6	Electrical, electrochemical and thermal properties of the ionic liquid + lactone binary mixtures as the potential electrolytes for lithium-ion batteries. <i>Journal of Molecular Liquids</i> , 2017, 243, 52-60.	4.9	16
7	Identification of new impurities of enalapril maleate on oxidation in the presence of magnesium monoperoxyphthalate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 294-299.	2.8	11
8	Kinetically governed polymorphism of d(G 4 T 4 G 3) quadruplexes in K ⁺ solutions. <i>Nucleic Acids Research</i> , 2011, 39, 1933-1942.	14.5	10
9	The Size of the Internal Loop in DNA Hairpins Influences Their Targeting with Partially Complementary Strands. <i>Journal of Physical Chemistry B</i> , 2015, 119, 96-104.	2.6	10
10	Contribution of headgroup and chain length of glycerophospholipids to thermal stability and permeability of liposomes loaded with calcein. <i>Chemistry and Physics of Lipids</i> , 2019, 225, 104807.	3.2	8
11	Interaction of minor groove ligands with G-quadruplexes: Thermodynamic contributions of the number of quartets, T ϵ U substitutions, and conformation. <i>Biochimie</i> , 2011, 93, 1341-1350.	2.6	6
12	Use of Differential Scanning Calorimetry and Immunoaffinity Chromatography to Identify Disease Induced Changes in Human Blood Plasma Proteome. <i>Acta Chimica Slovenica</i> , 2017, 64, 564-570.	0.6	6
13	Interaction of DNA Intramolecular Structures with Their Complementary Strands: A Thermodynamic Approach for the Control of Gene Expression. , 2014, , 367-383.		3
14	The Size of Internal Loops Influences the Unfolding Thermodynamics of DNA Hairpins. <i>ACS Symposium Series</i> , 2011, , 93-110.	0.5	2
15	Coumaric and Cinnamic Acids in Food. , 2020, , 1-40.		1
16	Thermally Induced Transitions of d(G4T4G3) Quadruplexes Can Be Described as Kinetically Driven Processes. <i>Life</i> , 2022, 12, 825.	2.4	1
17	Proof of concept web application for understanding the energetic basis of oligonucleotide unfolding. <i>RSC Advances</i> , 2019, 9, 41453-41461.	3.6	0