

Poghos O Vardevanyan

List of Publications by Year in descending order

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23
papers

153
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1307366

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Influence of Ionic Strength on Hoechst 33258 Binding with DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2008, 25, 641-646.	2.0	21
2	Complex-Formation of Ethidium Bromide with Poly[d(A-T)]-Poly[d(A-T)]. <i>Journal of Biomolecular Structure and Dynamics</i> , 2005, 22, 465-470.	2.0	19
3	Joint interaction of ethidium bromide and methylene blue with DNA. The effect of ionic strength on binding thermodynamic parameters. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1377-1382.	2.0	17
4	The influence of GC/AT composition on intercalating and semi-intercalating binding of ethidium bromide to DNA. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2016-2020.	0.6	10
5	Study of Methylene Blue Interaction with Human Serum Albumin. <i>Biophysical Reviews and Letters</i> , 2019, 14, 17-25.	0.9	10
6	Analysis of experimental binding curves of EtBr with single- and double-stranded DNA at small fillings. <i>Modern Physics Letters B</i> , 2014, 28, 1450178.	1.0	9
7	Study of influence of millimeter range electromagnetic waves on water-saline solutions of albumin. <i>Biophysical Reviews and Letters</i> , 2015, 10, 201-207.	0.9	9
8	Study of the influence of the ionic strength on complex-formation of ethidium bromide with poly(rA)-poly(rU). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2493-2498.	2.0	8
9	Study of interaction of methylene blue with DNA and albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7779-7785.	2.0	7
10	Peculiarities of interaction of synthetic polyribonucleotide poly(rA)-poly(rU) with some intercalators. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3607-3613.	2.0	6
11	Kinetics of adsorption of extended ligands on DNA at small fillings. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 330-335.	2.0	5
12	Behavior of Ethidium Bromide-Hoechst 33258-DNA and Ethidium Bromide-Methylene Blue-DNA Triple Systems by means of UV Melting. <i>International Journal of Spectroscopy</i> , 2015, 2015, 1-5.	1.4	5
13	Theoretical treatment of helix-coil transition of complexes DNA with two different ligands having different binding parameters. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 201-205.	2.0	5
14	Study of the influence of millimeter range electromagnetic waves on methylene blue complexes with human serum albumin. <i>Journal of Electromagnetic Waves and Applications</i> , 2019, 33, 2317-2327.	1.0	4
15	Study of complexes of Hoechst 33258 with poly(rA)-poly(rU) depending on various ionic strengths in the water-saline solution. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-7.	2.0	3
16	Spectroscopic study of interaction of various GC-content DNA with Hoechst 33258 depending on Na ⁺ concentration. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1519-1523.	2.0	3
17	Exploring the Interaction of Ethidium Bromide and HOECHST 33258 with DNA by Means of Electrochemical Approach. <i>Biophysical Reviews and Letters</i> , 2017, 12, 151-161.	0.9	2
18	Time-Dependent Changes of Albumin Water Solutions After Irradiation by Electromagnetic Waves with Extremely High Radio Frequencies. <i>Biophysical Reviews and Letters</i> , 2017, 12, 11-17.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Interaction of Methylene Blue with Synthetic Polynucleotide Poly(dA)-Poly(dT). Biophysical Reviews and Letters, 2018, 13, 29-36.	0.9	1
20	The double-stranded DNA stability in presence of a flexible polymer. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1099-1103.	2.0	1
21	Hybridization kinetics of DNA fragments in the presence of ligands intercalating into DNA-duplexes. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1907-1911.	2.0	1
22	â€œTie Calorimetryâ€•as a Tool for Determination of Thermodynamic Parameters of Macromolecules. , 0, , .		0
23	Transient decondensation of chromatin in liver nuclei of rats treated with tannic acid. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3743-3749.	2.0	0