

Evgeniy V Dubrovin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

578
citations

687363

13
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642732

23
g-index

39
all docs

39
docs citations

39
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural organization of mRNA complexes with major core mRNP protein YB-1. <i>Nucleic Acids Research</i> , 2004, 32, 5621-5635.	14.5	131
2	Atomic Force Microscopy Investigation of Phage Infection of Bacteria. <i>Langmuir</i> , 2008, 24, 13068-13074.	3.5	51
3	AFM visualization at a single-molecule level of denaturated states of proteins on graphite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 777-784.	5.0	51
4	Polymorphism of G4 associates: from stacks to wires via interlocks. <i>Nucleic Acids Research</i> , 2018, 46, 8978-8992.	14.5	34
5	Atomic Force Microscopy Analysis of the <i>Acinetobacter baumannii</i> Bacteriophage AP22 Lytic Cycle. <i>PLoS ONE</i> , 2012, 7, e47348.	2.5	30
6	The effect of underlying octadecylamine monolayer on the DNA conformation on the graphite surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 63-69.	5.0	26
7	Statistical Analysis of Molecular Nanotemplate Driven DNA Adsorption on Graphite. <i>Langmuir</i> , 2014, 30, 15423-15432.	3.5	20
8	Label-free sensitive detection of influenza virus using PZT discs with a synthetic sialylglycopolymer receptor layer. <i>Royal Society Open Science</i> , 2019, 6, 190255.	2.4	20
9	Study of the peculiarities of adhesion of tobacco mosaic virus by atomic force microscopy. <i>Colloid Journal</i> , 2004, 66, 673-678.	1.3	18
10	Spatial organization of Dps and DNA-Dps complexes. <i>Journal of Molecular Biology</i> , 2021, 433, 166930.	4.2	17
11	Atomic force microscopy as a tool of inspection of viral infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 128-131.	3.3	16
12	Thermal denaturation of fibrinogen visualized by single-molecule atomic force microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 370-376.	5.0	16
13	Synthetic sialylglycopolymer receptor for virus detection using cantilever-based sensors. <i>Analyst</i> , 2015, 140, 6131-6137.	3.5	14
14	Time-Lapse Single-Biomolecule Atomic Force Microscopy Investigation on Modified Graphite in Solution. <i>Langmuir</i> , 2017, 33, 10027-10034.	3.5	14
15	In Situ Single-Molecule AFM Investigation of Surface-Induced Fibrinogen Unfolding on Graphite. <i>Langmuir</i> , 2019, 35, 9732-9739.	3.5	13
16	Atomic force microscopy of animal cells: Advances and prospects. <i>Biophysics (Russian Federation)</i> , 2011, 56, 257-267.	0.7	12
17	Self-Assembly Effect during the Adsorption of Polynucleotides on Stearic Acid Langmuir-Blodgett Monolayer. <i>Biomacromolecules</i> , 2007, 8, 2258-2261.	5.4	11
18	High-resolution atomic force microscopy visualization of metalloproteins and their complexes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2862-2868.	2.4	10

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19	Nanotemplate-directed DNA segmental thermal motion. RSC Advances, 2016, 6, 79584-79592.	3.6	8
20	Effect of DNA bending on transcriptional interference in the systems of closely spaced convergent promoters. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2086-2096.	2.4	8
21	Aggregation of Influenza A Virus Nuclear Export Protein. Biochemistry (Moscow), 2018, 83, 1411-1421.	1.5	8
22	AFM Specific Identification of Bacterial Cell Fragments on Biofunctional Surfaces. Open Microbiology Journal, 2012, 6, 22-28.	0.7	8
23	Molecular patterns of oligopeptide hydrocarbons on graphite. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111921.	5.0	7
24	Atomic Force Microscopy of Biopolymers on Graphite Surfaces. Polymer Science - Series A, 2021, 63, 601-622.	1.0	6
25	A hypothetical hierarchical mechanism of the self-assembly of the Escherichia coli RNA polymerase σ^{70} subunit. Soft Matter, 2016, 12, 1974-1982.	2.7	4
26	Influence of pixelization on height measurement in atomic force microscopy. Ultramicroscopy, 2019, 207, 112846.	1.9	4
27	Evidence of (anti)metamorphic properties of modified graphitic surfaces obtained in real time at a single-molecule level. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111077.	5.0	4
28	Anomalous Laterally Stressed Kinetically Trapped DNA Surface Conformations. Nano-Micro Letters, 2021, 13, 130.	27.0	4
29	AFM study of Escherichia coli RNA polymerase σ^{70} subunit aggregation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 54-62.	3.3	3
30	The Model of Amyloid Aggregation of Escherichia coli RNA Polymerase σ^{70} Subunit Based on AFM Data and In Vitro Assays. Cell Biochemistry and Biophysics, 2013, 66, 623-636.	1.8	2
31	Atomic Force Microscopy Study of Pili in the Cyanobacterium Synechocystis SP. PCC 6803. , 2005, , 405-414.		2
32	Myeloperoxidase-induced fibrinogen unfolding and clotting. Microscopy Research and Technique, 2022, 85, 2537-2548.	2.2	2
33	Cooperative Growth of Thin Films of Tetrahedral Nanocarbon. Doklady Physical Chemistry, 2005, 403, 150-153.	0.9	1
34	Application of atomic-force microscopy technology to a structural analysis of the mitochondrial inner membrane. Nanotechnologies in Russia, 2009, 4, 876-880.	0.7	1
35	Nanoanalytics for medicine. Biophysics (Russian Federation), 2011, 56, 905-909.	0.7	1
36	Recombination Emission from Tetrahedral Nanocarbon Films. Doklady Physical Chemistry, 2003, 388, 25-28.	0.9	0

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37	Investigation of β 70 subunit structure dependence in Escherichia coli RNA polymerase on ionic strength by the molecular dynamics simulation method. Biophysics (Russian Federation), 2015, 60, 865-869.	0.7	0