

Tatiana O Artamonova

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.

37
papers

374
citations

11
h-index

17
g-index

40
ext. papers

487
ext. citations

3.9
avg, IF

2.93
L-index

#	Paper	IF	Citations
37	Structure of the bacteriophage PhiKZ non-virion RNA polymerase. <i>Nucleic Acids Research</i> , 2021 , 49, 7732-7739	7.39	0
36	Post-Translational Modifications of Extracellular Proteasome. <i>Molecules</i> , 2020 , 25,	4.8	4
35	hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. <i>Stem Cells</i> , 2019 , 37, 1018-1029	5.8	5
34	The study of the phiKZ phage non-canonical non-virion RNA polymerase. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 759-764	3.4	7
33	Structural Features of Amyloid Fibrils Formed from the Full-Length and Truncated Forms of Beta-2-Microglobulin Probed by Fluorescent Dye Thioflavin T. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	11
32	Acinetodin and Klebsidin, RNA Polymerase Targeting Lasso Peptides Produced by Human Isolates of <i>Acinetobacter gyllenbergii</i> and <i>Klebsiella pneumoniae</i> . <i>ACS Chemical Biology</i> , 2017 , 12, 814-824	4.9	28
31	A non-canonical multisubunit RNA polymerase encoded by the AR9 phage recognizes the template strand of its uracil-containing promoters. <i>Nucleic Acids Research</i> , 2017 , 45, 5958-5967	20.1	9
30	A truncated form of β -tubulin detected in purified proteasome complexes. <i>Cell and Tissue Biology</i> , 2017 , 11, 191-196	0.4	
29	Experimental and theoretical distribution of electron density and thermopolimerization in crystals of $\text{Ph}_3\text{Sb}(\text{O}_2\text{CCH}=\text{CH}_2)_2$ complex. <i>Journal of Solid State Chemistry</i> , 2017 , 254, 32-39	3.3	10
28	Coordination to Imidazole Ring Switches on Phosphorescence of Platinum Cyclometalated Complexes: The Route to Selective Labeling of Peptides and Proteins via Histidine Residues. <i>Bioconjugate Chemistry</i> , 2017 , 28, 426-437	6.3	15
27	Klebsazolicin inhibits 70S ribosome by obstructing the peptide exit tunnel. <i>Nature Chemical Biology</i> , 2017 , 13, 1129-1136	11.7	32
26	Proteomic analysis of affinity-purified extracellular proteasomes reveals exclusively 20S complexes. <i>Oncotarget</i> , 2017 , 8, 102134-102149	3.3	19
25	New data on structures formed by the FtsZ protein during the cell division process in <i>Escherichia coli</i> obtained using the localization microscopy method. <i>Cell and Tissue Biology</i> , 2016 , 10, 76-83	0.4	1
24	Study of Structure of Industrial Acid Hydrolysis Lignin, Oxidized in the H_2O_2 - H_2SO_4 System. <i>Journal of Wood Chemistry and Technology</i> , 2016 , 36, 259-269	2	15
23	Superelectrophilic activation of 5-hydroxymethylfurfural and 2,5-diformylfuran: organic synthesis based on biomass-derived products. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 2125-2135	2.5	16
22	The genome of AR9, a giant transducing <i>Bacillus</i> phage encoding two multisubunit RNA polymerases. <i>Virology</i> , 2016 , 495, 185-96	3.6	42
21	Chemical structure and physicochemical properties of oxidized hydrolysis lignin. <i>Russian Journal of Applied Chemistry</i> , 2015 , 88, 1295-1303	0.8	6

20	Simultaneous EGFP and tag labeling of the β subunit for live imaging and affinity purification of functional human proteasomes. <i>Molecular Biotechnology</i> , 2015 , 57, 36-44	3	10
19	A non-canonical multisubunit RNA polymerase encoded by a giant bacteriophage. <i>Nucleic Acids Research</i> , 2015 , 43, 10411-20	20.1	29
18	Biosynthesis of hexa- and pentameric chitooligosaccharides using N-acetyl-glucosaminyl transferase from rhizobial bacteria. <i>Russian Journal of Genetics: Applied Research</i> , 2014 , 4, 368-381		1
17	Transformations of Bjorkman lignin from European spruce (<i>Picea abies</i>) in superacidic media. <i>Mendeleev Communications</i> , 2014 , 24, 353-354	1.9	3
16	Structural and functional characteristics of various forms of red pigment of yeast <i>Saccharomyces cerevisiae</i> and its synthetic analog. <i>Cell and Tissue Biology</i> , 2013 , 7, 86-94	0.4	7
15	Purification and in vitro analysis of exosomes secreted by malignantly transformed human cells. <i>Cell and Tissue Biology</i> , 2012 , 6, 317-325	0.4	7
14	Concentrating of Higher Metallofullerenes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012 , 20, 351-353	1.8	6
13	Effect of red pigment on insulin fibril formation in vitro. <i>Cell and Tissue Biology</i> , 2011 , 5, 580-585	0.4	5
12	Mass spectrometry and biochemical analysis of RNA polymerase II: targeting by protein phosphatase-1. <i>Molecular and Cellular Biochemistry</i> , 2011 , 347, 79-87	4.2	18
11	The effect of red pigment on the amyloidization of yeast proteins. <i>Yeast</i> , 2011 , 28, 505-26	3.4	10
10	Electronic spectra of XeNe molecules in the range 77100-90100 cm ⁻¹ near Xe* (6p, 5d, 6p π 7s, 7p, 6d) obtained by the (3 + 1) REMPI and (2 + 1) REMPI methods. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2010 , 108, 899-914	0.7	5
9	Electronic spectra of ArXe molecules in the region of Xe* (5d, 7s, 7p, 6p?), 80 300B9 500 cm ⁻¹ , using resonantly enhanced multiphoton ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010 , 43, 235101	1.3	2
8	Electronic spectra of ArXe molecules in the region of Xe* (6s?, 6p, 5d), 77 000B0 200 cm ⁻¹ , using resonantly enhanced multiphoton ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010 , 43, 155101	1.3	5
7	Low pressure water vapour discharge as a light source: II. Electrical characteristics. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 175204	3	5
6	Excitation of water molecules by electron impact with formation of OH-radicals in the A2 π state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009 , 42, 215201	1.3	9
5	Low pressure water vapour discharge as a light source: I. Spectroscopic characteristics and efficiency. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 155206	3	15
4	Multiphoton mass spectra of Xe ₂ molecules in the range of excited Xe*(6p, 5d) atoms. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2006 , 100, 497-509	0.7	9
3	The binding energy of molecules in thin fullerene films. <i>Technical Physics Letters</i> , 2004 , 30, 129-130	0.7	1

- 2 Dendrimers Based on α -Amino Acids: Synthesis and Hydrodynamic Characteristics. *Doklady Physical Chemistry*, **2004**, 399, 290-292 0.8 6
- 1 Electron structure of thin fullerene films deposited by various methods. *Technical Physics Letters*, **2001**, 27, 87-89 0.7 1