

# Tatiana O Artamonova

## List of Publications by Citations

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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	The genome of AR9, a giant transducing Bacillus phage encoding two multisubunit RNA polymerases. <i>Virology</i> , <b>2016</b> , 495, 185-96	3.6	42
36	Klebsazolicin inhibits 70S ribosome by obstructing the peptide exit tunnel. <i>Nature Chemical Biology</i> , <b>2017</b> , 13, 1129-1136	11.7	32
35	A non-canonical multisubunit RNA polymerase encoded by a giant bacteriophage. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 10411-20	20.1	29
34	Acinetodin and Klebsidin, RNA Polymerase Targeting Lasso Peptides Produced by Human Isolates of Acinetobacter gyllenbergii and Klebsiella pneumoniae. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 814-824	4.9	28
33	Proteomic analysis of affinity-purified extracellular proteasomes reveals exclusively 20S complexes. <i>Oncotarget</i> , <b>2017</b> , 8, 102134-102149	3.3	19
32	Mass spectrometry and biochemical analysis of RNA polymerase II: targeting by protein phosphatase-1. <i>Molecular and Cellular Biochemistry</i> , <b>2011</b> , 347, 79-87	4.2	18
31	Superelectrophilic activation of 5-hydroxymethylfurfural and 2,5-diformylfuran: organic synthesis based on biomass-derived products. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 2125-2135	2.5	16
30	Study of Structure of Industrial Acid Hydrolysis Lignin, Oxidized in the H <sub>2</sub> O <sub>2</sub> -H <sub>2</sub> SO <sub>4</sub> System. <i>Journal of Wood Chemistry and Technology</i> , <b>2016</b> , 36, 259-269	2	15
29	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> , <b>2017</b> , 28, 426-437	6.3	15
28	Low pressure water vapour discharge as a light source: I. Spectroscopic characteristics and efficiency. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 155206	3	15
27	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> , <b>2018</b> , 19,	6.3	11
26	Simultaneous EGFP and tag labeling of the $\beta$ subunit for live imaging and affinity purification of functional human proteasomes. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 36-44	3	10
25	Experimental and theoretical distribution of electron density and thermopolimerization in crystals of Ph <sub>3</sub> Sb(O <sub>2</sub> CCH=CH <sub>2</sub> ) <sub>2</sub> complex. <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 254, 32-39	3.3	10
24	The effect of red pigment on the amyloidization of yeast proteins. <i>Yeast</i> , <b>2011</b> , 28, 505-26	3.4	10
23	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> , <b>2017</b> , 45, 5958-5967	20.1	9
22	Excitation of water molecules by electron impact with formation of OH-radicals in the A <sub>2</sub> state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 215201	1.3	9
21	Multiphoton mass spectra of Xe <sub>2</sub> molecules in the range of excited Xe*(6p, 5d) atoms. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2006</b> , 100, 497-509	0.7	9

20	The study of the phiKZ phage non-canonical non-virion RNA polymerase. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 511, 759-764	3.4	7
19	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> , <b>2013</b> , 7, 86-94	0.4	7
18	Purification and in vitro analysis of exosomes secreted by malignantly transformed human cells. <i>Cell and Tissue Biology</i> , <b>2012</b> , 6, 317-325	0.4	7
17	Chemical structure and physicochemical properties of oxidized hydrolysis lignin. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1295-1303	0.8	6
16	Concentrating of Higher Metallofullerenes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2012</b> , 20, 351-353	1.8	6
15	Dendrimers Based on $\alpha$ -Amino Acids: Synthesis and Hydrodynamic Characteristics. <i>Doklady Physical Chemistry</i> , <b>2004</b> , 399, 290-292	0.8	6
14	hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. <i>Stem Cells</i> , <b>2019</b> , 37, 1018-1029	5.8	5
13	Effect of red pigment on insulin fibril formation in vitro. <i>Cell and Tissue Biology</i> , <b>2011</b> , 5, 580-585	0.4	5
12	Electronic spectra of XeNe molecules in the range 77100-90100 cm <sup>-1</sup> near Xe* (6p, 5d, 6p $\rightarrow$ 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> , <b>2010</b> , 108, 899-914	0.7	5
11	Electronic spectra of ArXe molecules in the region of Xe* (6s <sup>2</sup> , 6p, 5d), 77 000 $\pm$ 200 cm <sup>-1</sup> , using resonantly enhanced multiphoton ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 155101	1.3	5
10	Low pressure water vapour discharge as a light source: II. Electrical characteristics. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 175204	3	5
9	Post-Translational Modifications of Extracellular Proteasome. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
8	Transformations of Bjorkman lignin from European spruce ( <i>Picea abies</i> ) in superacidic media. <i>Mendeleev Communications</i> , <b>2014</b> , 24, 353-354	1.9	3
7	Electronic spectra of ArXe molecules in the region of Xe* (5d, 7s, 7p, 6p <sup>2</sup> ), 80 300 $\pm$ 500 cm <sup>-1</sup> , using resonantly enhanced multiphoton ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 235101	1.3	2
6	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> , <b>2016</b> , 10, 76-83	0.4	1
5	Biosynthesis of hexa- and pentameric chitoooligosaccharides using N-acetyl-glucosaminyl transferase from rhizobial bacteria. <i>Russian Journal of Genetics: Applied Research</i> , <b>2014</b> , 4, 368-381		1
4	The binding energy of molecules in thin fullerene films. <i>Technical Physics Letters</i> , <b>2004</b> , 30, 129-130	0.7	1
3	Electron structure of thin fullerene films deposited by various methods. <i>Technical Physics Letters</i> , <b>2001</b> , 27, 87-89	0.7	1

2 Structure of the bacteriophage PhiKZ non-virion RNA polymerase. *Nucleic Acids Research*, **2021**, 49, 7732-7739 ○

1 A truncated form of  $\beta$ -tubulin detected in purified proteasome complexes. *Cell and Tissue Biology*, **2017**, 11, 191-196

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