

# Vladimir V Egorov

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

447  
citations

840776

11  
h-index

752698

20  
g-index

44  
all docs

44  
docs citations

44  
times ranked

644  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Molecular mechanisms enhancing the proteome of influenza A viruses: An overview of recently discovered proteins. <i>Virus Research</i> , 2014, 185, 53-63.  | 2.2 | 150       |
| 2  | Porous silicon and its applications in biology and medicine. <i>Technical Physics</i> , 2014, 59, 66-77.  | 0.7 | 55        |
| 3  | Mass spectrometry and biochemical analysis of RNA polymerase II: targeting by protein phosphatase-1. <i>Molecular and Cellular Biochemistry</i> , 2011, 347, 79-87.                                       | 3.1 | 21        |
| 4  | Nucleophilic substitution of nitro group in nitrotriazolotriazines as a model of potential interaction with cysteine-containing proteins. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 275-280. | 1.2 | 18        |
| 5  | Formation and Evaluation of a Two-Phase Polymer System in Human Plasma as a Method for Extracellular Nanovesicle Isolation. <i>Polymers</i> , 2021, 13, 458.  | 4.5 | 17        |
| 6  | EXPRESSION IN <i>E. coli</i> AND PURIFICATION OF THE FIBRILLOGENIC FUSION PROTEINS TTR-sfGFP AND $\beta$ 2M-sfGFP. <i>Preparative Biochemistry and Biotechnology</i> , 2011, 41, 337-349.                 | 1.9 | 16        |
| 7  | The amyloidogenicity of the influenza virus PB1-derived peptide sheds light on its antiviral activity. <i>Biophysical Chemistry</i> , 2018, 234, 16-23.   | 2.8 | 16        |
| 8  | Adenosine A2A receptor as a drug target for treatment of sepsis. <i>Molecular Biology</i> , 2016, 50, 200-212.  | 1.3 | 14        |
| 9  | Synthesis and antiviral activity of PB1 component of the influenza A RNA polymerase peptide fragments. <i>Antiviral Research</i> , 2015, 113, 4-10.   | 4.1 | 13        |
| 10 | The influenza A virus NS genome segment displays lineage-specific patterns in predicted RNA secondary structure. <i>BMC Research Notes</i> , 2016, 9, 279.  | 1.4 | 12        |
| 11 | Effect of alpha-lactalbumin and lactoferrin oleic acid complexes on chromatin structural organization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 136-139.                   | 2.1 | 11        |
| 12 | Atomic Force Microscopy Study of Peptides Homologous to Beta-Domain of Alpha-Lactalbumins. <i>Protein and Peptide Letters</i> , 2007, 14, 471-474.  | 0.9 | 8         |
| 13 | Structural Features of the Peptide Homologous to 6-25 Fragment of Influenza A PB1 Protein. <i>International Journal of Peptides</i> , 2013, 2013, 1-5.  | 0.7 | 8         |
| 14 | Peptide-Induced Amyloid-Like Conformational Transitions in Proteins. <i>International Journal of Peptides</i> , 2015, 2015, 1-5.  | 0.7 | 8         |
| 15 | Ebola hemorrhagic fever: Properties of the pathogen and development of vaccines and chemotherapeutic agents. <i>Molecular Biology</i> , 2015, 49, 480-493.  | 1.3 | 7         |
| 16 | Triazavirine supramolecular complexes as modifiers of the peptide oligomeric structure. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2694-2698.                                      | 3.5 | 7         |
| 17 | Interaction of Lactoferrin with Unsaturated Fatty Acids: In Vitro and In Vivo Study of Human Lactoferrin/Oleic Acid Complex Cytotoxicity. <i>Materials</i> , 2021, 14, 1602.                              | 2.9 | 7         |
| 18 | Amyloidogenic peptide homologous to $\beta$ -domain region of $\alpha$ -lactalbumin. <i>Doklady Biochemistry and Biophysics</i> , 2007, 414, 152-154.   | 0.9 | 6         |

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|----|--|-----|-----------|
| 19 | A conservative mutant of a proteolytic fragment produced during fibril formation enhances fibrillogenesis. <i>Prion</i> , 2014, 8, 369-373.  | 1.8 | 6         |
| 20 | On the structural features of influenza A nucleoprotein particles from small-angle X-ray scattering data. <i>Journal of Surface Investigation</i> , 2016, 10, 322-325.   | 0.5 | 6         |
| 21 | Old dog, new tricks: Influenza A virus NS1 and in vitro fibrillogenesis. <i>Biochimie</i> , 2021, 190, 50-56.  | 2.6 | 6         |
| 22 | A double-edged sword: supramolecular complexes of triazavirine display multicenter binding effects which influence aggregate formation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3041-3047. | 3.5 | 5         |
| 23 | Role of the C-terminal fragment of human transthyretin in abnormal fibrillogenesis. <i>Biochemistry (Moscow)</i> , 2006, 71, 543-549.  | 1.5 | 4         |
| 24 | Modeling of conformational transitions of fibrillogenic peptide, homologous to beta-domain of human alpha-lactalbumin. <i>Crystallography Reports</i> , 2016, 61, 98-105.  | 0.6 | 4         |
| 25 | Changing times: Fluorescence-lifetime analysis of amyloidogenic SF-IAPP fusion protein. <i>Journal of Structural Biology</i> , 2019, 205, 78-83.   | 2.8 | 4         |
| 26 | Multisegment one-step RT-PCR fluorescent labeling of influenza A virus genome for use in diagnostic microarray applications. <i>Journal of Physics: Conference Series</i> , 2011, 291, 012006.                       | 0.4 | 3         |
| 27 | Amyloidogenic peptide homologous to fragment 129-148 of human myocilin. <i>Prion</i> , 2013, 7, 248-253.   | 1.8 | 3         |
| 28 | Time machine: Can a dye from 1928 be re-purposed for modern, fluorescence-based detection of amyloid-like fibrils?. <i>Dyes and Pigments</i> , 2020, 172, 107863.  | 3.7 | 3         |
| 29 | Characterization of oligomerization of a peptide from the ebola virus glycoprotein by small-angle neutron scattering. <i>Crystallography Reports</i> , 2016, 61, 94-97.  | 0.6 | 2         |
| 30 | Cold and distant: structural features of the nucleoprotein complex of a cold-adapted influenza A virus strain. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4375-4384.                          | 3.5 | 1         |
| 31 | UPPERMOLECULE COMPLEXES OF OXIDE NANOSTRUCTURES AND ALBUMINS FORMATION. <i>High Temperature Material Processes</i> , 2009, 13, 325-334.  | 0.6 | 1         |
| 32 | Modeling of self-organization of two-dimensional ordered structures. <i>Journal of Physics: Conference Series</i> , 2011, 291, 012005.   | 0.4 | 0         |
| 33 | Oligonucleotide microarray for subtyping of influenza A viruses. <i>Journal of Physics: Conference Series</i> , 2012, 345, 012041.   | 0.4 | 0         |
| 34 | Magnetic labeling of proteins for atomic force microscopy. <i>Doklady Biochemistry and Biophysics</i> , 2013, 448, 33-35.  | 0.9 | 0         |