

Andrey V Vasin

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

601
citations

840776

11
h-index

677142

22
g-index

55
all docs

55
docs citations

55
times ranked

920
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	Hybrid inorganic-organic capsules for efficient intracellular delivery of novel siRNAs against influenza A (H1N1) virus infection. <i>Scientific Reports</i> , 2017, 7, 102.	3.3	41
4	Development of a multiplex quantitative PCR assay for the analysis of human cytokine gene expression in influenza A virus-infected cells. <i>Journal of Immunological Methods</i> , 2016, 430, 51-55.	1.4	22
5	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
6	Mesenchymal Stem Cells Engineering: Microcapsules-Assisted Gene Transfection and Magnetic Cell Separation. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2314-2324.	5.2	20
7	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
8	The Key Roles of Interferon Lambda in Human Molecular Defense against Respiratory Viral Infections. <i>Pathogens</i> , 2020, 9, 989.	2.8	18
9	IFN- λ 1 Displays Various Levels of Antiviral Activity In Vitro in a Select Panel of RNA Viruses. <i>Viruses</i> , 2021, 13, 1602.	3.3	18
10	Exosomes as Natural Nanocarriers for RNA-Based Therapy and Prophylaxis. <i>Nanomaterials</i> , 2022, 12, 524.	4.1	17
11	Adenosine A2A receptor as a drug target for treatment of sepsis. <i>Molecular Biology</i> , 2016, 50, 200-212.	1.3	14
12	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
13	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
14	Antibody microarray immunoassay for screening and differential diagnosis of upper respiratory tract viral pathogens. <i>Journal of Immunological Methods</i> , 2020, 478, 112712.	1.4	11
15	Laser-Assisted Surface Modification of Ni Microstructures with Au and Pt toward Cell Biocompatibility and High Enzyme-Free Glucose Sensing. <i>ACS Omega</i> , 2021, 6, 18099-18109.	3.5	11
16	Milk ceruloplasmin is a valuable source of nutrient copper ions for mammalian newborns. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007, 21, 184-193.	3.0	10
17	Inhibition of influenza A virus by mixed siRNAs, targeting the PA, NP, and NS genes, delivered by hybrid microcarriers. <i>Antiviral Research</i> , 2018, 158, 147-160.	4.1	10
18	Extracellular Vesicles in Viral Pathogenesis: A Case of Dr. Jekyll and Mr. Hyde. <i>Life</i> , 2021, 11, 45.	2.4	10

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19	Changes in RNA secondary structure affect NS1 protein expression during early stage influenza virus infection. <i>Virology Journal</i> , 2019, 16, 162.	3.4	9
20	Simple Models to Study Spectral Properties of Microbial and Animal Rhodopsins: Evaluation of the Electrostatic Effect of Charged and Polar Residues on the First Absorption Band Maxima. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3029.	4.1	9
21	Phylogenetic Analysis of Six-Domain Multi-Copper Blue Proteins. <i>PLOS Currents</i> , 2013, 5, .	1.4	9
22	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
23	Peptide-Induced Amyloid-Like Conformational Transitions in Proteins. <i>International Journal of Peptides</i> , 2015, 2015, 1-5.	0.7	8
24	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
25	Antigenic and Genetic Characterization of Swine Influenza Viruses Identified in the European Region of Russia, 2014–2020. <i>Frontiers in Microbiology</i> , 2021, 12, 662028.	3.5	7
26	Comparative Evaluation of Effectiveness of IAVchip DNA Microarray in Influenza A Diagnosis. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	6
27	A conservative mutant of a proteolytic fragment produced during fibril formation enhances fibrillogenesis. <i>Prion</i> , 2014, 8, 369-373.	1.8	6
28	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
29	Meglumine acridone acetate, the ionic salt of CMA and N-methylglucamine, induces apoptosis in human PBMCs via the mitochondrial pathway. <i>Scientific Reports</i> , 2019, 9, 18240.	3.3	6
30	Mucosal Influenza Vector Vaccine Carrying TB10.4 and HspX Antigens Provides Protection against <i>Mycobacterium tuberculosis</i> in Mice and Guinea Pigs. <i>Vaccines</i> , 2021, 9, 394.	4.4	6
31	The revelation of expressing region in the processed ceruloplasmin gene in human genome by biocomputational and biochemical methods. <i>Biophysical Chemistry</i> , 2005, 115, 247-250.	2.8	5
32	Identification of genetic determinants of influenza A virus resistance to adamantanes and neuraminidase inhibitors using biological microarray. <i>Doklady Biochemistry and Biophysics</i> , 2015, 460, 4-8.	0.9	5
33	Ceruloplasmin gene expression profile changes in the rat mammary gland during pregnancy, lactation and involution. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 43, 126-134.	3.0	5
34	Investigation of the Morphology and Electrical Properties of Graphene Used in the Development of Biosensors for Detection of Influenza Viruses. <i>Biosensors</i> , 2022, 12, 8.	4.7	5
35	Mitochondrial ceruloplasmin of mammals. <i>Molecular Biology</i> , 2005, 39, 42-52.	1.3	4
36	Azobenzene/Tetraethyl Ammonium Photochromic Potassium Channel Blockers: Scope and Limitations for Design of Para-Substituted Derivatives with Specific Absorption Band Maxima and Thermal Isomerization Rate. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13171.	4.1	4

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37	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
38	Amyloidogenic peptide homologous to fragment 129–148 of human myocilin. <i>Prion</i> , 2013, 7, 248-253.	1.8	3
39	Expression of Ceruloplasmin Pseudogene in Cultured Human Cells. <i>Doklady Biochemistry and Biophysics</i> , 2004, 397, 254-258.	0.9	2
40	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
41	Clean and folded: Production of active, high quality recombinant human interferon- β 1. <i>Process Biochemistry</i> , 2021, 111, 32-39.	3.7	2
42	<title>Application of computer methods for revelation of the role of CP-like copper-containing ferroxidases in iron metabolism</title>. , 2002, 4707, 323.		1
43	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
44	Modeling of self-organization of two-dimensional ordered structures. <i>Journal of Physics: Conference Series</i> , 2011, 291, 012005.	0.4	0
45	Oligonucleotide microarray for subtyping of influenza A viruses. <i>Journal of Physics: Conference Series</i> , 2012, 345, 012041.	0.4	0
46	Magnetic labeling of proteins for atomic force microscopy. <i>Doklady Biochemistry and Biophysics</i> , 2013, 448, 33-35.	0.9	0
47	Highly Sensitive Precision Scanner for Fluorescent and Colorimetric Microarrays with Excitation by using Single Mode Pigtailed Semiconductor Lasers. , 2018, , .		0
48	The role of influenza vaccination in the prevention of pulmonary and cardiovascular diseases. <i>Izvestiĭ Rossijskoj Voenno-meditsinskoj Akademii</i> , 2021, 40, 63-67.	0.2	0
49	SUMMARY OF INFLUENZA AND OTHER RESPIRATORY VIRUSES DETECTED AND CHARACTERIZED IN RUSSIA DURING 2017–2018 SEASON. <i>Russian Journal of Infection and Immunity</i> , 2019, 8, 473-488.	0.7	0
50	Prospects for the use of graphene-based biological sensors in the early diagnosis of Alzheimer’s disease (review of literature). <i>Klinicheskaya Laboratornaya Diagnostika</i> , 2022, 67, 5-12.	0.5	0