Andrey V Vasin

List of Publications by Year
in descending order

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50	601	840776 11	677142 22
papers	citations	h-index	g-index

55	55	55	920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prospects for the use of graphene-based biological sensors in the early diagnosis of Alzheimerâ€™s disease (review of literature). Klinicheskeskaya Laboratornaya Diagnostika, 2022, 67, 5-12.	0.5	0
2	Exosomes as Natural Nanocarriers for RNA-Based Therapy and Prophylaxis. Nanomaterials, 2022, 12, 524.	4.1	17
3	Investigation of the Morphology and Electrical Properties of Graphene Used in the Development of Biosensors for Detection of Influenza Viruses. Biosensors, 2022, 12, 8.	4.7	5
4	Cold and distant: structural features of the nucleoprotein complex of a cold-adapted influenza A virus strain. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4375-4384.	3.5	1
5	Extracellular Vesicles in Viral Pathogenesis: A Case of Dr. Jekyll and Mr. Hyde. Life, 2021, 11, 45.	2.4	10
6	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. International Journal of Molecular Sciences, 2021, 22, 3029.	4.1	9
7	Antigenic and Genetic Characterization of Swine Influenza Viruses Identified in the European Region of Russia, 2014â€“2020. Frontiers in Microbiology, 2021, 12, 662028.	3.5	7
8	Mucosal Influenza Vector Vaccine Carrying TB10.4 and HspX Antigens Provides Protection against Mycobacterium tuberculosis in Mice and Guinea Pigs. Vaccines, 2021, 9, 394.	4.4	6
9	Laser-Assisted Surface Modification of Ni Microstructures with Au and Pt toward Cell Biocompatibility and High Enzyme-Free Glucose Sensing. ACS Omega, 2021, 6, 18099-18109.	3.5	11
10	IFN-Î»1 Displays Various Levels of Antiviral Activity In Vitro in a Select Panel of RNA Viruses. Viruses, 2021, 13, 1602.	3.3	18
11	The role of influenza vaccination in the prevention of pulmonary and cardiovascular diseases. IzvestiÃ¢ Rossijskoj Voenno-medicinskoj Akademii, 2021, 40, 63-67.	0.2	0
12	Clean and folded: Production of active, high quality recombinant human interferon-Î»1. Process Biochemistry, 2021, 111, 32-39.	3.7	2
13	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. International Journal of Molecular Sciences, 2021, 22, 13171.	4.1	4
14	Antibody microarray immunoassay for screening and differential diagnosis of upper respiratory tract viral pathogens. Journal of Immunological Methods, 2020, 478, 112712.	1.4	11
15	The Key Roles of Interferon Lambda in Human Molecular Defense against Respiratory Viral Infections. Pathogens, 2020, 9, 989.	2.8	18
16	Changes in RNA secondary structure affect NS1 protein expression during early stage influenza virus infection. Virology Journal, 2019, 16, 162.	3.4	9
17	Meglumine acridone acetate, the ionic salt of CMA and N-methylglucamine, induces apoptosis in human PBMCs via the mitochondrial pathway. Scientific Reports, 2019, 9, 18240.	3.3	6
18	SUMMARY OF INFLUENZA AND OTHER RESPIRATORY VIRUSES DETECTED AND CHARACTERIZED IN RUSSIA DURING 2017â€“2018 SEASON. Russian Journal of Infection and Immunity, 2019, 8, 473-488.	0.7	0

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19	Highly Sensitive Precision Scanner for Fluorescent and Colorimetric Microarrays with Excitation by using Single Mode Pigtailed Semiconductor Lasers. , 2018, , .		0
20	Inhibition of influenza A virus by mixed siRNAs, targeting the PA, NP, and NS genes, delivered by hybrid microcarriers. Antiviral Research, 2018, 158, 147-160.	4.1	10
21	Ceruloplasmin gene expression profile changes in the rat mammary gland during pregnancy, lactation and involution. Journal of Trace Elements in Medicine and Biology, 2017, 43, 126-134.	3.0	5
22	Hybrid inorganic-organic capsules for efficient intracellular delivery of novel siRNAs against influenza A (H1N1) virus infection. Scientific Reports, 2017, 7, 102.	3.3	41
23	Mesenchymal Stem Cells Engineering: Microcapsules-Assisted Gene Transfection and Magnetic Cell Separation. ACS Biomaterials Science and Engineering, 2017, 3, 2314-2324.	5.2	20
24	On the structural features of influenza A nucleoprotein particles from small-angle X-ray scattering data. Journal of Surface Investigation, 2016, 10, 322-325.	0.5	6
25	Adenosine A2A receptor as a drug target for treatment of sepsis. Molecular Biology, 2016, 50, 200-212.	1.3	14
26	Characterization of oligomerization of a peptide from the ebola virus glycoprotein by small-angle neutron scattering. Crystallography Reports, 2016, 61, 94-97.	0.6	2
27	The influenza A virus NS genome segment displays lineage-specific patterns in predicted RNA secondary structure. BMC Research Notes, 2016, 9, 279.	1.4	12
28	Development of a multiplex quantitative PCR assay for the analysis of human cytokine gene expression in influenza A virus-infected cells. Journal of Immunological Methods, 2016, 430, 51-55.	1.4	22
29	Peptide-Induced Amyloid-Like Conformational Transitions in Proteins. International Journal of Peptides, 2015, 2015, 1-5.	0.7	8
30	Identification of genetic determinants of influenza A virus resistance to adamantanes and neuraminidase inhibitors using biological microarray. Doklady Biochemistry and Biophysics, 2015, 460, 4-8.	0.9	5
31	Nucleophilic substitution of nitro group in nitrotriazolotriazines as a model of potential interaction with cysteine-containing proteins. Chemistry of Heterocyclic Compounds, 2015, 51, 275-280.	1.2	18
32	Ebola hemorrhagic fever: Properties of the pathogen and development of vaccines and chemotherapeutic agents. Molecular Biology, 2015, 49, 480-493.	1.3	7
33	Synthesis and antiviral activity of PB1 component of the influenza A RNA polymerase peptide fragments. Antiviral Research, 2015, 113, 4-10.	4.1	13
34	Comparative Evaluation of Effectiveness of IAVchip DNA Microarray in Influenza A Diagnosis. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	6
35	A conservative mutant of a proteolytic fragment produced during fibril formation enhances fibrillogenesis. Prion, 2014, 8, 369-373.	1.8	6
36	Porous silicon and its applications in biology and medicine. Technical Physics, 2014, 59, 66-77.	0.7	55

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37	Molecular mechanisms enhancing the proteome of influenza A viruses: An overview of recently discovered proteins. Virus Research, 2014, 185, 53-63.	2.2	150
38	Magnetic labeling of proteins for atomic force microscopy. Doklady Biochemistry and Biophysics, 2013, 448, 33-35.	0.9	0
39	Amyloidogenic peptide homologous to fragment 129â€“148 of human myocilin. Prion, 2013, 7, 248-253.	1.8	3
40	Structural Features of the Peptide Homologous to 6-25 Fragment of Influenza A PB1 Protein. International Journal of Peptides, 2013, 2013, 1-5.	0.7	8
41	Phylogenetic Analysis of Six-Domain Multi-Copper Blue Proteins. PLOS Currents, 2013, 5, .	1.4	9
42	Oligonucleotide microarray for subtyping of influenza A viruses. Journal of Physics: Conference Series, 2012, 345, 012041.	0.4	0
43	Modeling of self-organization of two-dimensional ordered structures. Journal of Physics: Conference Series, 2011, 291, 012005.	0.4	0
44	Multisegment one-step RT-PCR fluorescent labeling of influenza A virus genome for use in diagnostic microarray applications. Journal of Physics: Conference Series, 2011, 291, 012006.	0.4	3
45	Mass spectrometry and biochemical analysis of RNA polymerase II: targeting by protein phosphatase-1. Molecular and Cellular Biochemistry, 2011, 347, 79-87.	3.1	21
46	Milk ceruloplasmin is a valuable source of nutrient copper ions for mammalian newborns. Journal of Trace Elements in Medicine and Biology, 2007, 21, 184-193.	3.0	10
47	The revelation of expressing region in the processed ceruloplasmin gene in human genome by biocomputational and biochemical methods. Biophysical Chemistry, 2005, 115, 247-250.	2.8	5
48	Mitochondrial ceruloplasmin of mammals. Molecular Biology, 2005, 39, 42-52.	1.3	4
49	Expression of Ceruloplasmin Pseudogene in Cultured Human Cells. Doklady Biochemistry and Biophysics, 2004, 397, 254-258.	0.9	2
50	<title>Application of computer methods for revelation of the role of CP-like copper-containing ferroxidases in iron metabolism</title>. , 2002, 4707, 323.		1