

# Vladimir I Popenko

## List of Publications by Year in descending order

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29  
papers

392  
citations

840776

11  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Barnase as a New Therapeutic Agent Triggering Apoptosis in Human Cancer Cells. PLoS ONE, 2008, 3, e2434.	2.5	74
2	Studies of cytokinin receptorâ€™ phosphotransmitter interaction provide evidences for the initiation of cytokinin signalling in the endoplasmic reticulum. Functional Plant Biology, 2018, 45, 192.	2.1	40
3	The extreme N-terminal domain of a hordeivirus TGB1 movement protein mediates its localization to the nucleolus and interaction with fibrillarin. Biochimie, 2012, 94, 1180-1188.	2.6	32
4	Selective inhibition of the interaction of C1q with immunoglobulins and the classical pathway of complement activation by steroids and triterpenoids sulfates. Bioorganic and Medicinal Chemistry, 2007, 15, 3489-3498.	3.0	28
5	L-Lysine-modified Fe3O4 nanoparticles for magnetic cell labeling. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110879.	5.0	25
6	Two Receptors, Two Isoforms, Two Cancers: Comprehensive Analysis of KIT and TrkA Expression in Neuroblastoma and Acute Myeloid Leukemia. Frontiers in Oncology, 2019, 9, 1046.	2.8	23
7	The Role of Microtubule Association in Plasmodesmal Targeting of Potato mop-top virus Movement Protein TGBp1. The Open Virology Journal, 2011, 5, 1-11.	1.8	21
8	Cultivation of Cells in a Physiological Plasmax Medium Increases Mitochondrial Respiratory Capacity and Reduces Replication Levels of RNA Viruses. Antioxidants, 2022, 11, 97.	5.1	20
9	Application of fusion protein 4D5 scFv-dibarnase:barstarâ€™gold complex for studying P185HER2 receptor distribution in human cancer cells. Biochimie, 2012, 94, 1833-1836.	2.6	19
10	Novel 5â€™-Norcarbocyclic Pyrimidine Derivatives as Antibacterial Agents. Molecules, 2018, 23, 3069.	3.8	19
11	Interaction of linear homologous DNA duplexes via Holliday junction formation. FEBS Journal, 2001, 268, 7-14.	0.2	18
12	Mechanism of Spontaneous DNAâ€™DNA Interaction of Homologous Linear Duplexesâ€™. Biochemistry, 2002, 41, 7795-7801.	2.5	11
13	Interaction of 5-substituted pyrimidine nucleoside analogues and M.Tuberculosis: A view through an electron microscope. Biochimie, 2020, 171-172, 170-177.	2.6	10
14	Selective Inhibition of HDAC Class I Sensitizes Leukemia and Neuroblastoma Cells to Anticancer Drugs. Biomedicines, 2021, 9, 1846.	3.2	9
15	Lipophilic derivatives of natural chlorins: Synthesis, mixed micelles with phospholipids, and uptake by cultured cells. Bioorganic and Medicinal Chemistry, 2013, 21, 5420-5427.	3.0	8
16	Ultrastructure of the macronucleus in the resting cysts of the ciliate Bursaria truncatella. European Journal of Protistology, 1998, 34, 18-28.	1.5	5
17	Anna S. Tikhonenko. Bacteriophage, 2013, 3, e23646.	1.9	5
18	The Size of <sc>DNA</sc> Molecules and Chromatin Organization in the Macronucleus of the Ciliate <i>Didinium nasutum</i> (Ciliophora). Journal of Eukaryotic Microbiology, 2015, 62, 260-264.	1.7	5

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19	Pre-Senescence Induction in Hepatoma Cells Favors Hepatitis C Virus Replication and Can Be Used in Exploring Antiviral Potential of Histone Deacetylase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4559.	4.1	4
20	Nucleolar Apparatus in the Macronucleus of <i>Didinium nasutum</i> (Ciliata): EM and 3D Reconstruction. <i>Protist</i> , 2006, 157, 391-400.	1.5	3
21	Spontaneous DNA-DNA interaction of homologous duplexes and factors affecting the result of heteroduplex formation. <i>Biological Chemistry</i> , 2006, 387, 257-61.	2.5	3
22	Quantitative analysis of nucleolar chromatin distribution in the complex convoluted nucleoli of <i>Didinium nasutum</i> (Ciliophora). <i>Biological Research</i> , 2013, 46, 69-74.	3.4	3
23	Electron microscopic and autoradiographic study of the macronuclear chromatin of <i>Bursaria truncatella</i> at different times after cell division. <i>Chromosoma</i> , 1983, 88, 328-332.	2.2	2
24	Diagnostic value of islet autoantibody assays practised in Russia. 1. Classic immunofluorescence islet cell antibody assay, immunoradiometric glutamic acid decarboxylase antibody assay, and ELISA tyrosine phosphatase antibody and insulin antibody assays. <i>Diabetes Mellitus</i> , 2016, 19, 331-340.	1.9	2
25	DNAs with unusual properties revealed by field inversion gel electrophoresis of agarose-encapsulated DNA from mammalian cells. <i>FEBS Letters</i> , 1998, 432, 158-162.	2.8	1
26	Early Stages of <i>we/wal/wal</i> Mouse Hair Morphogenesis: Light and Fluorescent Microscopy of the Whole-Mount Epidermis. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	1
27	A Cell-Based Platform for the Investigation of Immunoproteasome Subunit $\hat{\text{I}}^{25\text{i}}$ Expression and Biology of $\hat{\text{I}}^{25\text{i}}$ -Containing Proteasomes. <i>Cells</i> , 2021, 10, 3049.	4.1	1
28	GATA1, GATA2, and TAL1 Regulate the Expression of Neurotrophic Receptor Tyrosine Kinase in Leukemia Cells. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
29	Diagnostic value of islet autoantibody assays practised in Russia. 1. Classic immunofluorescence islet cell antibody assay, immunoradiometric glutamic acid decarboxylase antibody assay, and ELISA tyrosine phosphatase antibody and insulin antibody assays.. <i>Diabetes Mellitus</i> , 2016, 19, 331.	1.9	0