

Dmitry D Zhdanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cytoprotective Activity of Polyamines Is Associated with the Alternative Splicing of RAD51A Pre-mRNA in Normal Human CD4+ T Lymphocytes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1863.	4.1	3
2	Molecular Analysis of L-Asparaginases for Clarification of the Mechanism of Action and Optimization of Pharmacological Functions. <i>Pharmaceutics</i> , 2022, 14, 599.	4.5	16
3	Improvement of Biocatalytic Properties and Cytotoxic Activity of L-Asparaginase from <i>Rhodospirillum rubrum</i> by Conjugation with Chitosan-Based Cationic Polyelectrolytes. <i>Pharmaceutics</i> , 2022, 15, 406.	3.8	9
4	New Genetic Bomb Trigger: Design, Synthesis, Molecular Dynamics Simulation, and Biological Evaluation of Novel BIBR1532-Related Analogs Targeting Telomerase against Non-Small Cell Lung Cancer. <i>Pharmaceutics</i> , 2022, 15, 481.	3.8	10
5	Anticancer Cytotoxic Activity of Bispidine Derivatives Associated with the Increasing Catabolism of Polyamines. <i>Molecules</i> , 2022, 27, 3872.	3.8	3
6	Electroenzymatic Model System for the Determination of Catalytic Activity of <i>Erwinia carotovora</i> L-Asparaginase. <i>Processes</i> , 2022, 10, 1313.	2.8	1
7	A pilot study on an electrochemical approach for assessing transient DNA transfection in eukaryotic cells. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116635.	3.8	2
8	Alternative Splicing of Human Telomerase Reverse Transcriptase (hTERT) and Its Implications in Physiological and Pathological Processes. <i>Biomedicines</i> , 2021, 9, 526.	3.2	11
9	Phenotypical and Functional Characteristics of Human Regulatory T Cells during Ex Vivo Maturation from CD4+ T Lymphocytes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5776.	2.5	5
10	Mechanisms of the Antiproliferative and Antitumor Activity of Novel Telomerase-Targeted Carbonic Anhydrase Dual-Hybrid Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11432-11444.	6.4	5
11	A Novel L-Asparaginase from Hyperthermophilic Archaeon <i>Thermococcus sibiricus</i> : Heterologous Expression and Characterization for Biotechnology Application. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9894.	4.1	16
12	L-Lysine ϵ -Oxidase: Enzyme with Anticancer Properties. <i>Pharmaceutics</i> , 2021, 14, 1070.	3.8	15
13	Highly Active Thermophilic L-Asparaginase from <i>Melioribacter roseus</i> Represents a Novel Large Group of Type II Bacterial L-Asparaginases from Chlorobi-Ignavibacteriae-Bacteroidetes Clade. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13632.	4.1	15
14	DNase I Induces Other Endonucleases in Kidney Tubular Epithelial Cells by Its DNA-Degrading Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8665.	4.1	7
15	Penetration into Cancer Cells via Clathrin-Dependent Mechanism Allows L-Asparaginase from <i>Rhodospirillum rubrum</i> to Inhibit Telomerase. <i>Pharmaceutics</i> , 2020, 13, 286.	3.8	12
16	Azidothymidine Clicked into 1,2,3-Triazoles: First Report on Carbonic Anhydrase-Targeted Telomerase Dual-Hybrid Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7392-7409.	6.4	29
17	Inhibition of nuclease activity by a splice-switching oligonucleotide targeting deoxyribonuclease 1 mRNA prevents apoptosis progression and prolong viability of normal human CD4+ T-lymphocytes. <i>Biochimie</i> , 2020, 174, 34-43.	2.6	4
18	Inhibition of telomerase activity by splice-switching oligonucleotides targeting the mRNA of the telomerase catalytic subunit affects proliferation of human CD4+ T lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 790-796.	2.1	8

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19	Endonuclease G modulates the alternative splicing of deoxyribonuclease 1 mRNA in human CD4+ T lymphocytes and prevents the progression of apoptosis. <i>Biochimie</i> , 2019, 157, 158-176.	2.6	8
20	Heterogeneous expression and characterization of a new mutant DNA-binding protein from the <i>Thermotoga naphthophila</i> hyperthermophilic microorganism. <i>IzvestiĀ Vuzov: PrikladnaĀ HimiĀ I BiotehnologiĀ</i> , 2019, 9, 288-301.	0.3	0
21	Murine regulatory T cells induce death of effector T, B, and NK lymphocytes through a contact-independent mechanism involving telomerase suppression and telomere-associated senescence. <i>Cellular Immunology</i> , 2018, 331, 146-160.	3.0	18
22	Contact-independent suppressive activity of regulatory T cells is associated with telomerase inhibition, telomere shortening and target lymphocyte apoptosis. <i>Molecular Immunology</i> , 2018, 101, 229-244.	2.2	16
23	<i>Rhodospirillum rubrum</i> l-asparaginase targets tumor growth by a dual mechanism involving telomerase inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 282-288.	2.1	22
24	Alternative splicing of telomerase catalytic subunit hTERT generated by apoptotic endonuclease EndoG induces human CD4+ T cell death. <i>European Journal of Cell Biology</i> , 2017, 96, 653-664.	3.6	19
25	Inhibition of telomerase activity and induction of apoptosis by <i>Rhodospirillum rubrum</i> l-asparaginase in cancer Jurkat cell line and normal human CD4+ T lymphocytes. <i>Cancer Medicine</i> , 2017, 6, 2697-2712.	2.8	27
26	Ex vivo expanded regulatory T cells CD4 ⁺ CD25 ⁺ FoxP3 ⁺ CD127 ^{Low} develop strong immunosuppressive activity in patients with remitting-relapsing multiple sclerosis. <i>Autoimmunity</i> , 2016, 49, 388-396.	2.6	24
27	Regulation of Apoptotic Endonucleases by EndoG. <i>DNA and Cell Biology</i> , 2015, 34, 316-326.	1.9	52
28	Alternatively spliced DNase I acts as dominant negative inhibiting cisplatin toxicity to kidney cells. <i>FASEB Journal</i> , 2013, 27, 889.4.	0.5	0
29	Downregulation of DNase I expression by EndoG in kidney tubular epithelial cells. <i>FASEB Journal</i> , 2012, 26, 1b568.	0.5	0