Dmitry D Zhdanov

List of Publications by Year
in descending order

29	357	759233 12	839539 18
papers	citations	h-index	g-index

29	29	29	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of Apoptotic Endonucleases by EndoG. DNA and Cell Biology, 2015, 34, 316-326.	1.9	52
2	Azidothymidine â€œClickedâ€•into 1,2,3-Triazoles: First Report on Carbonic Anhydraseâ€“Telomerase Dual-Hybrid Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 7392-7409.	6.4	29
3	Inhibition of telomerase activity and induction of apoptosis by Rhodospirillum rubrum <scp>L</scp>â€asparaginase in cancer Jurkat cell line and normal human CD4+ÂT lymphocytes. Cancer Medicine, 2017, 6, 2697-2712.	2.8	27
4	Ex vivo expanded regulatory T cells CD4⁺CD25⁺FoxP3⁺CD127^{Low} develop strong immunosuppressive activity in patients with remitting-relapsing multiple sclerosis. Autoimmunity, 2016, 49, 388-396.	2.6	24
5	Rhodospirillum rubrum l-asparaginase targets tumor growth by a dual mechanism involving telomerase inhibition. Biochemical and Biophysical Research Communications, 2017, 492, 282-288.	2.1	22
6	Alternative splicing of telomerase catalytic subunit hTERT generated by apoptotic endonuclease EndoG induces human CD4+ T cell death. European Journal of Cell Biology, 2017, 96, 653-664.	3.6	19
7	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. Cellular Immunology, 2018, 331, 146-160.	3.0	18
8	Contact-independent suppressive activity of regulatory T cells is associated with telomerase inhibition, telomere shortening and target lymphocyte apoptosis. Molecular Immunology, 2018, 101, 229-244.	2.2	16
9	A Novel L-Asparaginase from Hyperthermophilic Archaeon Thermococcus sibiricus: Heterologous Expression and Characterization for Biotechnology Application. International Journal of Molecular Sciences, 2021, 22, 9894.	4.1	16
10	Molecular Analysis of L-Asparaginases for Clarification of the Mechanism of Action and Optimization of Pharmacological Functions. Pharmaceutics, 2022, 14, 599.	4.5	16
11	L-Lysine Î±-Oxidase: Enzyme with Anticancer Properties. Pharmaceuticals, 2021, 14, 1070.	3.8	15
12	Highly Active Thermophilic L-Asparaginase from Melioribacter roseus Represents a Novel Large Group of Type II Bacterial L-Asparaginases from Chlorobi-Ignavibacteriae-Bacteroidetes Clade. International Journal of Molecular Sciences, 2021, 22, 13632.	4.1	15
13	Penetration into Cancer Cells via Clathrin-Dependent Mechanism Allows L-Asparaginase from Rhodospirillum rubrum to Inhibit Telomerase. Pharmaceuticals, 2020, 13, 286.	3.8	12
14	Alternative Splicing of Human Telomerase Reverse Transcriptase (hTERT) and Its Implications in Physiological and Pathological Processes. Biomedicines, 2021, 9, 526.	3.2	11
15	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. Pharmaceuticals, 2022, 15, 481.	3.8	10
16	Improvement of Biocatalytic Properties and Cytotoxic Activity of L-Asparaginase from Rhodospirillum rubrum by Conjugation with Chitosan-Based Cationic Polyelectrolytes. Pharmaceuticals, 2022, 15, 406.	3.8	9
17	Inhibition of telomerase activity by splice-switching oligonucleotides targeting the mRNA of the telomerase catalytic subunit affects proliferation of human CD4+ T lymphocytes. Biochemical and Biophysical Research Communications, 2019, 509, 790-796.	2.1	8
18	Endonuclease G modulates the alternative splicing of deoxyribonuclease 1 mRNA in human CD4+ T lymphocytes and prevents the progression of apoptosis. Biochimie, 2019, 157, 158-176.	2.6	8

#	Article	IF	Citations
19	DNase I Induces Other Endonucleases in Kidney Tubular Epithelial Cells by Its DNA-Degrading Activity. International Journal of Molecular Sciences, 2020, 21, 8665.	4.1	7
20	Phenotypical and Functional Characteristics of Human Regulatory T Cells during Ex Vivo Maturation from CD4+ T Lymphocytes. Applied Sciences (Switzerland), 2021, 11, 5776.	2.5	5
21	Mechanisms of the Antiproliferative and Antitumor Activity of Novel Telomeraseâ€“Carbonic Anhydrase Dual-Hybrid Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 11432-11444.	6.4	5
22	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. Biochimie, 2020, 174, 34-43.	2.6	4
23	Cytoprotective Activity of Polyamines Is Associated with the Alternative Splicing of RAD51A Pre-mRNA in Normal Human CD4+ T Lymphocytes. International Journal of Molecular Sciences, 2022, 23, 1863.	4.1	3
24	Anticancer Cytotoxic Activity of Bispidine Derivatives Associated with the Increasing Catabolism of Polyamines. Molecules, 2022, 27, 3872.	3.8	3
25	A pilot study on an electrochemical approach for assessing transient DNA transfection in eukaryotic cells. Journal of Electroanalytical Chemistry, 2022, 920, 116635.	3.8	2
26	Electroenzymatic Model System for the Determination of Catalytic Activity of Erwinia carotovora L-Asparaginase. Processes, 2022, 10, 1313.	2.8	1
27	Downregulation of DNase I expression by EndoG in kidney tubular epithelial cells. FASEB Journal, 2012, 26, lb568.	0.5	0
28	Alternativelyâ€spliced DNase I acts as dominantâ€negative inhibiting cisplatin toxicity to kidney cells. FASEB Journal, 2013, 27, 889.4.	0.5	0
29	Heterogeneous expression and characterization of a new mutant DNA-binding protein from the Thermotoga naphthophila hyperthermophilic microorganism. IzvestiÃ¢ Vuzov: PrikladnaÃ¢ HimiÃ¢ I BiotehnologiÃ¢, 2019, 9, 288-301.	0.3	0