

Sergey Kochetkov

List of Publications by Year in descending order

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Version: 2024-02-01

174
papers

3,110
citations

257101

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214527

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195
all docs

195
docs citations

195
times ranked

3817
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis of the white rot fungus <i>Trametes hirsuta</i> 072 laccases ability to modify 17 β -oestradiol in the aqueous medium. <i>Biocatalysis and Biotransformation</i> , 2023, 41, 475-485.	1.1	0
2	3 α -Amino modifications enhance the antifungal properties of N ⁴ -alkyl-5-methylcytidines for potential biocides. <i>New Journal of Chemistry</i> , 2022, 46, 5614-5626.	1.4	6
3	Cultivation of Cells in a Physiological Plasmax Medium Increases Mitochondrial Respiratory Capacity and Reduces Replication Levels of RNA Viruses. <i>Antioxidants</i> , 2022, 11, 97.	2.2	20
4	Role of Polyamine-Induced Dimerization of Antizyme in Its Cellular Functions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4614.	1.8	4
5	New Analogues of Uridine as Possible Anti-Viral Agents Specific to SARS-CoV-2. <i>Molecular Biology</i> , 2022, 56, 469-473.	0.4	0
6	Analogues of Pyrimidine Nucleosides as Mycobacteria Growth Inhibitors. <i>Microorganisms</i> , 2022, 10, 1299.	1.6	8
7	Glycol and Phosphate Depot Forms of 4- and/or 5-Modified Nucleosides Exhibiting Antibacterial Activity. <i>Molecular Biology</i> , 2021, 55, 143-153.	0.4	4
8	Discovery of novel N ⁴ -alkylcytidines as promising antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113212.	2.6	7
9	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.	1.8	4
10	Dual-targeted anti-CMV/anti-HIV-1 heterodimers. <i>Biochimie</i> , 2021, 189, 169-180.	1.3	0
11	Evaluation of the Antiviral Potential of Modified Heterocyclic Base and 5 α -Norcarbocyclic Nucleoside Analogs Against SARS-CoV-2. , 2021, 13, 78-81.		4
12	Selective Inhibition of HDAC Class I Sensitizes Leukemia and Neuroblastoma Cells to Anticancer Drugs. <i>Biomedicines</i> , 2021, 9, 1846.	1.4	9
13	Uracil-Containing Heterodimers of a New Type: Synthesis and Study of Their Anti-Viral Properties. <i>Molecules</i> , 2020, 25, 3350.	1.7	5
14	5-Alkylthiomethyl Derivatives of 2'-Deoxyuridine: Synthesis and Antibacterial Activity. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 133-138.	0.3	1
15	Interaction of 5-substituted pyrimidine nucleoside analogues and M.Tuberculosis: A view through an electron microscope. <i>Biochimie</i> , 2020, 171-172, 170-177.	1.3	10
16	Hydroxylamine Analogue of Agmatine: Magic Bullet for Arginine Decarboxylase. <i>Biomolecules</i> , 2020, 10, 406.	1.8	18
17	Synthesis of water-soluble prodrugs of 5-modified 2 \hat{E} ¹ -deoxyuridines and their antibacterial activity. <i>Journal of Antibiotics</i> , 2020, 73, 236-246.	1.0	14
18	Synthesis of (3R,10R)- and (3S,10S)-Diastereomers of 3,10-Dimethylspermine. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 1061-1066.	0.3	1

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19	Identification of a Novel Substrate-Derived Spermine Oxidase Inhibitor. <i>Acta Naturae</i> , 2020, 12, 140-144.	1.7	2
20	Hepatitis C Virus RNA-Dependent RNA Polymerase Is Regulated by Cysteine S-Glutathionylation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	7
21	Investigation of 5 ^{â€™} -Norcarbocyclic Nucleoside Analogues as Antiprotozoal and Antibacterial Agents. <i>Molecules</i> , 2019, 24, 3433.	1.7	12
22	Structural isomers of cinnamic hydroxamic acids block HCV replication via different mechanisms. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111723.	2.6	7
23	Synthesis of N ^{â€²} -propylhydrazide analogs of hydroxamic inhibitors of histone deacetylases (HDACs) and evaluation of their impact on activities of HDACs and replication of hepatitis C virus (HCV). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2369-2374.	1.0	12
24	The Immunogenicity in Mice of HCV Core Delivered as DNA Is Modulated by Its Capacity to Induce Oxidative Stress and Oxidative Stress Response. <i>Cells</i> , 2019, 8, 208.	1.8	4
25	Novel 5-substituted derivatives of 2 ^{â€™} -deoxy-6-azauridine with antibacterial activity. <i>Journal of Antibiotics</i> , 2019, 72, 535-544.	1.0	9
26	C-Methylated Analogs of Spermine and Spermidine: Synthesis and Biological Activity. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 463-487.	0.3	6
27	Hydrazo coupling: the efficient transition-metal-free C ^{â€™} H functionalization of 8-hydroxyquinoline and phenol through base catalysis. <i>Green Chemistry</i> , 2019, 21, 6381-6389.	4.6	9
28	Unforeseen Possibilities To Investigate the Regulation of Polyamine Metabolism Revealed by Novel C-Methylated Spermine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11335-11347.	2.9	10
29	Synthesis of (R)- and (S)-isomers of 2-methylspermidine. <i>Mendeleev Communications</i> , 2019, 29, 678-679.	0.6	0
30	HIV-1 Reverse Transcriptase Promotes Tumor Growth and Metastasis Formation via ROS-Dependent Upregulation of Twist. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-28.	1.9	21
31	Inhibitor of polyamine catabolism MDL72.527 restores the sensitivity to doxorubicin of monocytic leukemia Thp-1 cells infected with human cytomegalovirus. <i>Biochimie</i> , 2019, 158, 82-89.	1.3	6
32	Selective Inhibition of Enterovirus A Species Members ^{â€™} Reproduction by Furano[2,â€™-d]pyrimidine Nucleosides Revealed by Antiviral Activity Profiling against (+)ssRNA Viruses. <i>ChemistrySelect</i> , 2018, 3, 2321-2325.	0.7	21
33	Novel 5 ^{â€²} -Norcarbocyclic Derivatives of Bicyclic Pyrrolo- and Furano[2,3-d]Pyrimidine Nucleosides. <i>Molecules</i> , 2018, 23, 2654.	1.7	6
34	Acetylated derivatives of C-methylated analogues of spermidine: synthesis and interaction with N1-acetyl polyamine oxidase. <i>Mendeleev Communications</i> , 2018, 28, 479-481.	0.6	5
35	Novel 5 ^{â€²} -Norcarbocyclic Pyrimidine Derivatives as Antibacterial Agents. <i>Molecules</i> , 2018, 23, 3069.	1.7	19
36	Activation of Polyamine Catabolism by N1,N11-Diethylnorspermine in Hepatic HepaRG Cells Induces Dedifferentiation and Mesenchymal-Like Phenotype. <i>Cells</i> , 2018, 7, 275.	1.8	13

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37	Synthesis of Pyridyl-4-Oxy-Substituted N-Hydroxy Amides of Cinnamic Acid as New Inhibitors of Histone Deacetylase Activity and Hepatitis C Virus Replication. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 453-460.	0.3	3
38	Redox Biology of Respiratory Viral Infections. <i>Viruses</i> , 2018, 10, 392.	1.5	290
39	Polyamine Metabolism and Oxidative Protein Folding in the ER as ROS-Producing Systems Neglected in Virology. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1219.	1.8	26
40	Hepatitis C virus alters metabolism of biogenic polyamines by affecting expression of key enzymes of their metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 904-909.	1.0	24
41	New benzophenone phosphonate derivatives. <i>Mendeleev Communications</i> , 2017, 27, 346-348.	0.6	2
42	Low-molecular-weight regulators of biogenic polyamine metabolism affect cytokine production and expression of hepatitis Δ 1 virus proteins in Huh7.5 human hepatocarcinoma cells. <i>Molecular Biology</i> , 2017, 51, 453-464.	0.4	3
43	On the Reaction of Carbonyl Diphosphonic Acid with Hydroxylamine and O-alkylhydroxylamines: Unexpected Degradation of P-C-P Bridge. <i>Molecules</i> , 2017, 22, 1040.	1.7	0
44	Modulation of Cell Death Pathways by Hepatitis C Virus Proteins in Huh7.5 Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2346.	1.8	11
45	Oxidative stress, a trigger of hepatitis C and B virus-induced liver carcinogenesis. <i>Oncotarget</i> , 2017, 8, 3895-3932.	0.8	126
46	Hepatitis C Virus NS5A Protein Triggers Oxidative Stress by Inducing NADPH Oxidases 1 and 4 and Cytochrome P450 2E1. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	46
47	Oxidative Stress during HIV Infection: Mechanisms and Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-18.	1.9	248
48	Prokaryotic Expression, Purification and Immunogenicity in Rabbits of the Small Antigen of Hepatitis Delta Virus. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1721.	1.8	2
49	Convenient syntheses of phosphinic analogues of β -aminobutyric- and glutamic acids. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 672-676.	0.3	2
50	Novel hydroxylamine-containing analogues of 1-guanidino-7-aminoheptane (GC7), an effective inhibitor of deoxyhypusine synthase. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 415-422.	0.3	0
51	5-(4-alkyl-1,2,3-triazol-1-yl)methyl derivatives of 2-deoxyuridine as inhibitors of viral and bacterial growth. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 677-684.	0.3	17
52	1,6-Bis[(benzyloxy)methyl]uracil derivatives—Novel antivirals with activity against HIV-1 and influenza H1N1 virus. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2476-2485.	1.4	8
53	Methylene bisphosphonates as the inhibitors of HIV RT phosphorolytic activity. <i>Biochimie</i> , 2016, 127, 153-162.	1.3	5
54	Synthesis of (Z)-N-hydroxy-3-methoxy-3-phenylacrylamide as new selective inhibitor of hepatitis C virus replication. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 191-197.	0.3	3

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55	Hepatitis C virus: The role of N-glycosylation sites of viral genotype 1b proteins for formation of viral particles in insect and mammalian cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 98-105.	0.7	3
56	Aminoxy adsorbents derived from sephareose and toyopearl. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 546-550.	0.3	0
57	Synthesis of 2,11-bis(methylidene)spermine, a new inhibitor of spermine oxidase. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 423-427.	0.3	4
58	Data on synthesis of methylene bisphosphonates and screening of their inhibitory activity towards HIV reverse transcriptase. <i>Data in Brief</i> , 2016, 8, 1157-1167.	0.5	2
59	Hydrophobic-core PEGylated graft copolymer-stabilized nanoparticles composed of insoluble non-nucleoside reverse transcriptase inhibitors exhibit strong anti-HIV activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2405-2413.	1.7	7
60	Effect of Hepatitis C virus proteins on the production of proinflammatory and profibrotic cytokines in Huh7.5 human hepatoma cells. <i>Molecular Biology</i> , 2016, 50, 422-430.	0.4	4
61	Analysis of the Domains of Hepatitis C Virus Core and NS5A Proteins that Activate the Nrf2/ARE Cascade. <i>Acta Naturae</i> , 2016, 8, 123-127.	1.7	11
62	Study of Antiherpetic Efficiency of Phosphite of Acycloguanosine Ableto Over come the Barrier of Resistance to Acyclovir. <i>Acta Naturae</i> , 2016, 8, 74-81.	1.7	1
63	Analysis of the Domains of Hepatitis C Virus Core and NS5A Proteins that Activate the Nrf2/ARE Cascade. <i>Acta Naturae</i> , 2016, 8, 123-127.	1.7	7
64	Therapy of HIV Infection: Current Approaches and Prospects. <i>Acta Naturae</i> , 2016, 8, 23-32.	1.7	11
65	HCV Core Protein Uses Multiple Mechanisms to Induce Oxidative Stress in Human Hepatoma Huh7 Cells. <i>Viruses</i> , 2015, 7, 2745-2770.	1.5	71
66	Scaffold hopping: Exploration of acetanilide-containing uracil analogues as potential NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1069-1081.	1.4	14
67	Enantiomers of 3-Methylspermidine Selectively Modulate Deoxyhypusine Synthesis and Reveal Important Determinants for Spermidine Transport. <i>ACS Chemical Biology</i> , 2015, 10, 1417-1424.	1.6	12
68	Chemistry and biomedicine: diversity and unity of goals. <i>Russian Chemical Reviews</i> , 2015, 84, E01-E01.	2.5	1
69	Pyridine hydroxamic acids are specific anti-HCV agents affecting HDAC6. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2382-2385.	1.0	15
70	5- β -Norcarbocyclic analogues of furano[2,3-d]pyrimidine nucleosides. <i>Heterocyclic Communications</i> , 2015, 21, 259-262.	0.6	7
71	Synthesis and antimicrobial properties of 5,5'-modified 2',5'-dideoxyuridines. <i>Heterocyclic Communications</i> , 2015, 21, 297-301.	0.6	1
72	Synthesis and evaluation of C-5 modified 2'-deoxyuridine monophosphates as inhibitors of M. tuberculosis thymidylate synthase. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7131-7137.	1.4	25

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73	Versatile synthesis of oxime-containing acyclic nucleoside phosphonates – synthetic solutions and antiviral activity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10946-10956.	1.5	2
74	The role of HCV e2 protein glycosylation in functioning of virus envelope proteins in insect and Mammalian cells. <i>Acta Naturae</i> , 2015, 7, 87-97.	1.7	3
75	5-Arylamino-uracil Derivatives as Potential Dual-Action Agents. <i>Acta Naturae</i> , 2015, 7, 113-5.	1.7	1
76	Acyclovir phosphoramidates as potential anti-HIV drugs. <i>Russian Chemical Bulletin</i> , 2014, 63, 1192-1196.	0.4	2
77	Human herpes simplex virus: Life cycle and development of inhibitors. <i>Biochemistry (Moscow)</i> , 2014, 79, 1635-1652.	0.7	107
78	2-Fluoronucleotides as substrates of viral replicative polymerases. <i>Molecular Biology</i> , 2014, 48, 727-733.	0.4	0
79	Specific features of HIV-1 integrase inhibition by bisphosphonate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 73, 73-82.	2.6	18
80	Selective inhibitor of histone deacetylase 6 (tubastatin A) suppresses proliferation of hepatitis C virus replicon in culture of human hepatocytes. <i>Biochemistry (Moscow)</i> , 2014, 79, 637-642.	0.7	21
81	A new antiviral: Chimeric 3TC-AZT phosphonate efficiently inhibits HIV-1 in human tissues ex vivo. <i>Antiviral Research</i> , 2014, 109, 125-131.	1.9	7
82	Role of N-linked glycans of HCV glycoprotein E1 in folding of structural proteins and formation of viral particles. <i>Molecular Biology</i> , 2013, 47, 131-139.	0.4	1
83	Inhibition of <i>Mycobacterium tuberculosis</i> strains H37Rv and MDR MS-115 by a new set of C5 modified pyrimidine nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4874-4884.	1.4	41
84	Synthesis and studies of new 6-[halo(diphenyl)methyl]- and 6-(thiophen-2-ylmethyl)pyrimidin-4(3H)-ones as possible HIV-1 reverse transcriptase inhibitors. <i>Russian Chemical Bulletin</i> , 2013, 62, 797-801.	0.4	0
85	Synthesis and Anti-HIV-1 Activity of 1-[(Phenoxy)Alkyl and -Alkenyl]Uracil Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2013, 47, 459-463.	0.3	3
86	Hydroxylamine derivatives for regulation of spermine and spermidine metabolism. <i>Biochemistry (Moscow)</i> , 2013, 78, 1431-1446.	0.7	3
87	Structure-activity evaluation of new uracil-based non-nucleoside inhibitors of HIV reverse transcriptase. <i>MedChemComm</i> , 2013, 4, 1443.	3.5	11
88	Benzohydroxamic acids as potent and selective anti-HCV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5936-5940.	1.0	20
89	Novel inhibitors of <i>Mycobacterium tuberculosis</i> growth based on modified pyrimidine nucleosides and their analogues. <i>Russian Chemical Reviews</i> , 2013, 82, 896-915.	2.5	23
90	Synthesis and studies of biological activity of new 8-[(adamant-1-yl)alkyl]amino}theophylline derivatives. <i>Russian Chemical Bulletin</i> , 2013, 62, 2544-2546.	0.4	1

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91	N1,N3-disubstituted uracils as nonnucleoside inhibitors of HIV-1 reverse transcriptase. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1150-1158.	1.4	28
92	5 \hat{e} -Nor carbocyclic nucleosides: unusual nonnucleoside inhibitors of HIV-1 reverse transcriptase. <i>MedChemComm</i> , 2013, 4, 741.	3.5	10
93	HCV and Oxidative Stress in the Liver. <i>Viruses</i> , 2013, 5, 439-469.	1.5	175
94	Oxidative stress induced by HIV-1 reverse transcriptase modulates the enzyme's performance in gene immunization. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2111-2119.	1.4	41
95	Synthesis and biological activity of new 6-benzylisocytosine derivatives: non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>Pharmaceutical Chemistry Journal</i> , 2012, 46, 397-401.	0.3	4
96	Benzophenone derivatives of pyrimidines as effective non-nucleoside inhibitors of wild-type and drug-resistant HIV-1 reverse transcriptase. <i>Doklady Biochemistry and Biophysics</i> , 2012, 447, 280-281.	0.3	3
97	The synthesis and antituberculosis activity of 5 \hat{e} -nor carbocyclic uracil derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6680-6686.	1.4	49
98	Biogenic polyamines spermine and spermidine activate RNA polymerase and inhibit RNA helicase of hepatitis C virus. <i>Biochemistry (Moscow)</i> , 2012, 77, 1172-1180.	0.7	13
99	Effect of deoxynojirimycin derivatives on morphogenesis of hepatitis C virus. <i>Molecular Biology</i> , 2012, 46, 579-587.	0.4	1
100	Synthesis and Anti-HIV Properties of New Carbamate Prodrugs of AZT. <i>Chemical Biology and Drug Design</i> , 2012, 80, 947-952.	1.5	13
101	Chemically induced oxidative stress increases polyamine levels by activating the transcription of ornithine decarboxylase and spermidine/spermine-N1-acetyltransferase in human hepatoma HUH7 cells. <i>Biochimie</i> , 2012, 94, 1876-1883.	1.3	49
102	Phosphoramidate derivatives of acyclovir: Synthesis and antiviral activity in HIV-1 and HSV-1 models in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5802-5809.	1.4	21
103	Non-hydrolysable analogues of inorganic pyrophosphate as inhibitors of hepatitis C virus RNA-dependent RNA-polymerase. <i>Russian Journal of Bioorganic Chemistry</i> , 2012, 38, 224-229.	0.3	14
104	The Use of Novel C-Methylated Spermidine Derivatives To Investigate the Regulation of Polyamine Metabolism. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4611-4618.	2.9	19
105	Hepatitis C Virus Proteins Activate NRF2/ARE Pathway by Distinct ROS-Dependent and Independent Mechanisms in HUH7 Cells. <i>PLoS ONE</i> , 2011, 6, e24957.	1.1	138
106	Cell defense systems against oxidative stress and endoplasmic reticulum stress: Mechanisms of regulation and the effect of hepatitis C virus. <i>Molecular Biology</i> , 2011, 45, 110-122.	0.4	9
107	<i>Leishmania donovani</i> : Structural insight in the recognition of C-methylated analogues of spermidine as natural polyamines. <i>Molecular Biology</i> , 2011, 45, 619-623.	0.4	2
108	1-[2-(2-Benzoyl- and 2-benzylphenoxy)ethyl]uracils as potent anti-HIV-1 agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5794-5802.	1.4	37

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109	Inhibition of the helicase activity of the HCV NS3 protein by symmetrical dimeric bis-benzimidazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5331-5335.	1.0	17
110	Methylated Polyamines as Research Tools. <i>Methods in Molecular Biology</i> , 2011, 720, 449-461.	0.4	8
111	Screening of Potential HIV-1 Inhibitors/ Replication Blockers Using Secure Lentiviral in Vitro System. <i>Acta Naturae</i> , 2011, 3, 55-65.	1.7	12
112	Screening of Potential HIV-1 Inhibitors/Replication Blockers Using Secure Lentiviral in Vitro System. <i>Acta Naturae</i> , 2011, 3, 55-65.	1.7	5
113	Synthesis and antiviral evaluation against the Vaccinia virus of new N 1-oxide analogs of 5- ϵ -noraristeromycin. <i>Russian Journal of Bioorganic Chemistry</i> , 2010, 36, 730-733.	0.3	6
114	Novel convenient synthesis of biologically active esters of hydroxylamine. <i>Amino Acids</i> , 2010, 38, 509-517.	1.2	16
115	Hepatitis C virus structural proteins and virus-like particles produced in recombinant baculovirus-infected insect cells. <i>Molecular Biology</i> , 2010, 44, 97-108.	0.4	7
116	Baculovirus vectors for efficient gene delivery and expression in mammalian cells. <i>Molecular Biology</i> , 2010, 44, 479-487.	0.4	6
117	Interactions between the hepatitis C virus protein NS3 and polymethylene derivatives of nucleic bases. <i>Molecular Biology</i> , 2010, 44, 931-938.	0.4	0
118	Antiviral Properties, Metabolism, and Pharmacokinetics of a Novel Azolo-1,2,4-Triazine-Derived Inhibitor of Influenza A and B Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2017-2022.	1.4	64
119	Synthesis and Biological Characterization of Novel Charge-Deficient Spermine Analogues. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5738-5748.	2.9	27
120	Potent cross-reactive immune response against the wild-type and drug-resistant forms of HIV reverse transcriptase after the chimeric gene immunization. <i>Vaccine</i> , 2010, 28, 1975-1986.	1.7	12
121	New 5-Modified Pyrimidine Nucleoside Inhibitors of Mycobacterial Growth. <i>Acta Naturae</i> , 2010, 2, 108-110.	1.7	9
122	Hepatitis C virus NS5A protein modulates template selection by the RNA polymerase in in vitro system. <i>FEBS Letters</i> , 2009, 583, 277-280.	1.3	9
123	RNA-dependent RNA polymerase of hepatitis C virus: Study on inhibition by α, β -diketo acid derivatives. <i>Biochemistry (Moscow)</i> , 2009, 74, 834-841.	0.7	3
124	Transcription and its regulation in mammalian and human mitochondria. <i>Molecular Biology</i> , 2009, 43, 198-210.	0.4	3
125	The Interaction between the RNA-Dependent RNA-Polymerase of the Hepatitis Virus and RNA Matrices. <i>Acta Naturae</i> , 2009, 1, 88-90.	1.7	0
126	Hepatitis C virus helicase/NTPase: an efficient expression system and new inhibitors. <i>Biochemistry (Moscow)</i> , 2008, 73, 660-668.	0.7	10

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127	Multisubunit RNA Polymerases Melt Only a Single DNA Base Pair Downstream of the Active Site. <i>Journal of Biological Chemistry</i> , 2007, 282, 21578-21582.	1.6	19
128	Isolation and site-directed mutagenesis of DNA methyltransferase SssI. <i>Molecular Biology</i> , 2007, 41, 110-117.	0.4	10
129	Determination of the melting site of the DNA duplex in the active center of bacterial RNA-polymerase by fluorescence quenching technique. <i>Doklady Biochemistry and Biophysics</i> , 2007, 416, 285-289.	0.3	1
130	Development of the system ensuring a high-level expression of hepatitis C virus nonstructural NS5B and NS5A proteins. <i>Protein Expression and Purification</i> , 2006, 48, 14-23.	0.6	53
131	Hepatitis C virus RNA-dependent RNA polymerase: Study on the inhibition mechanism by pyrogallol derivatives. <i>Biochemistry (Moscow)</i> , 2006, 71, 1021-1026.	0.7	4
132	Interaction of HIV-1 Reverse Transcriptase with Modified Oligonucleotide Primers Containing 2'-O-D-Ribofuranosyladenosine. <i>Biochemistry (Moscow)</i> , 2004, 69, 130-136.	0.7	1
133	New Non-nucleoside Inhibitors of Hepatitis C Virus RNA-Dependent RNA Polymerase. <i>Biochemistry (Moscow)</i> , 2004, 69, 782-788.	0.7	5
134	Photoaffinity Modification of Bacteriophage T7 DNA-Dependent RNA Polymerase with a Reaction Product Containing an Azido Derivative of UTP. <i>Molecular Biology</i> , 2004, 38, 907-913.	0.4	0
135	Mutations Conferring Drug Resistance Affect Eukaryotic Expression of HIV Type 1 Reverse Transcriptase. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 191-201.	0.5	18
136	Gene immunization may induce secondary antibodies reacting with DNA. <i>Vaccine</i> , 2004, 22, 1576-1585.	1.7	13
137	Reverse transcriptase-based DNA vaccines against drug-resistant HIV-1 tested in a mouse model. <i>Vaccine</i> , 2004, 22, 1810-1819.	1.7	10
138	Oligonucleotides Containing Disaccharide Nucleosides: Synthesis, Physicochemical, and Substrate Properties. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 1117-1118.	0.4	1
139	An additional 2'-ribofuranose residue at a specific position of the DNA primer prevents its elongation by HIV-1 reverse transcriptase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 681-684.	1.0	11
140	Inhibition of HIV-1 reverse transcriptase by aryl-substituted naphtho- and anthraquinones. <i>Doklady Biochemistry and Biophysics</i> , 2002, 382, 56-59.	0.3	16
141	Title is missing!. <i>Molecular Biology</i> , 2002, 36, 543-550.	0.4	1
142	Structural-functional analysis of bacteriophage T7 RNA polymerase. <i>Biochemistry (Moscow)</i> , 2002, 67, 1124-1135.	0.7	37
143	Title is missing!. <i>Molecular Biology</i> , 2001, 35, 717-729.	0.4	14
144	DNA-Encoding Enzymatically Active HIV-1 Reverse Transcriptase, but Not the Inactive Mutant, Confers Resistance to Experimental HIV-1 Challenge. <i>Intervirology</i> , 2000, 43, 288-293.	1.2	38

#	ARTICLE	IF	CITATIONS
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