

# Inna Karpenko

## List of Publications by Year in descending order

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Version: 2024-02-01

33

papers

595

citations

687363

13

h-index

642732

23

g-index

42

all docs

42

docs citations

42

times ranked

740

citing authors

#	ARTICLE	IF	CITATIONS
1	HCV Core Protein Uses Multiple Mechanisms to Induce Oxidative Stress in Human Hepatoma Huh7 Cells. <i>Viruses</i> , 2015, 7, 2745-2770.	3.3	71
2	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.	3.2	64
3	DEAD-box RNA Helicase DDX3: Functional Properties and Development of DDX3 Inhibitors as Antiviral and Anticancer Drugs. <i>Molecules</i> , 2020, 25, 1015.	3.8	54
4	The synthesis and antituberculosis activity of 5- $\epsilon$ -nor carbocyclic uracil derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6680-6686.	3.0	49
5	Inhibition of Mycobacterium tuberculosis 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.	3.0	41
6	Intracellular metabolism and pharmacokinetics of 5- $\epsilon$ -hydrogenphosphonate of 3-azido-2,3-dideoxythymidine, a prodrug of 3-azido-2,3-dideoxythymidine. <i>Antiviral Research</i> , 2004, 63, 26107-113.	3.0	26
7	1,2,4-Triazoloazine derivatives as a new type of herpes simplex virus inhibitors. <i>Bioorganic Chemistry</i> , 2010, 38, 265-270.	4.1	23
8	ANTI-HIV ACTIVITY OF NOVEL PHOSPHONATE DERIVATIVES OF AZT, d4T, AND ddA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 767-769.	1.1	22
9	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.	5.1	20
10	Antitherpetic Properties of Acyclovir 5- $\epsilon$ -Hydrogenphosphonate and the Mutation Analysis of Herpes Virus Resistant Strains. <i>Chemical Biology and Drug Design</i> , 2009, 74, 382-389.	3.2	18
11	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.	1.0	17
12	5-Arylamino-uracil Derivatives: New Inhibitors of Mycobacterium tuberculosis. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1387-1396.	3.2	16
13	Peroxiredoxins—The Underrated Actors during Virus-Induced Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 977.	5.1	16
14	Synthesis of water-soluble prodrugs of 5-modified 2-deoxyuridines and their antibacterial activity. <i>Journal of Antibiotics</i> , 2020, 73, 236-246.	2.0	14
15	Synthesis and Anti-HIV Properties of New Carbamate Prodrugs of AZT. <i>Chemical Biology and Drug Design</i> , 2012, 80, 947-952.	3.2	13
16	Synthesis and Antitherpetic Activity of Acyclovir Phosphonates. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 319-328.	1.1	11
17	Cell Metabolism of Acyclovir Phosphonate Derivatives and Antiherpesvirus Activity of their Combinations with $\gamma$ 2-Interferon. <i>Chemical Biology and Drug Design</i> , 2007, 69, 429-434.	3.2	11
18	Synthesis of acyclic nucleoside analogues based on 1,2,4-triazolo[1,5-a]pyrimidin-7-ones by one-step Vorbrüggen glycosylation. <i>Tetrahedron</i> , 2014, 70, 1298-1305.	1.9	11

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19	<i>P</i> -(Alkyl)-Nucleoside 5'-Hydrogenphosphonates as Depot Forms of Antiviral Nucleotide Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 1795-1804.	1.1	10
20	Novel 5-substituted derivatives of 2'-deoxy-6-azauridine with antibacterial activity. <i>Journal of Antibiotics</i> , 2019, 72, 535-544.	2.0	9
21	Adenosine N1-Oxide Analogues as Inhibitors of Orthopox Virus Replication. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 1107-1121.	1.0	8
22	New 5-modified 2'-deoxyuridine derivatives: synthesis and antituberculosis activity. <i>Russian Chemical Bulletin</i> , 2014, 63, 1197-1200.	1.5	7
23	A new antiviral: Chimeric 3TC-AZT phosphonate efficiently inhibits HIV-1 in human tissues ex vivo. <i>Antiviral Research</i> , 2014, 109, 125-131.	4.1	7
24	Discovery of novel N4-alkylcytidines as promising antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113212.	5.5	7
25	3'-Amino modifications enhance the antifungal properties of <i>N</i> -4-alkyl-5-methylcytidines for potential biocides. <i>New Journal of Chemistry</i> , 2022, 46, 5614-5626.	2.8	6
26	5'-Phosphonate Derivatives of 2',3'-Dideoxy-3'-Thiacytidine as New Anti-HIV Prodrugs. <i>Chemical Biology and Drug Design</i> , 2011, 78, 50-56.	3.2	5
27	New Dinucleoside Phosphonate Derivatives as Prodrugs of 3'-Azido-3'-Deoxythymidine and <i>L</i> -2',3'-Dideoxy-3'-Thiacytidine: Synthesis and Anti-HIV Properties. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 64-79.	1.1	5
28	Glycol and Phosphate Depot Forms of 4- and/or 5-Modified Nucleosides Exhibiting Antibacterial Activity. <i>Molecular Biology</i> , 2021, 55, 143-153.	1.3	4
29	The Synthesis and Antiherpetic Activity of Acyclovir Phosphonate Esters. <i>Russian Journal of Bioorganic Chemistry</i> , 2004, 30, 539-546.	1.0	2
30	Acyclovir phosphoramidates as potential anti-HIV drugs. <i>Russian Chemical Bulletin</i> , 2014, 63, 1192-1196.	1.5	2
31	The immune response to the novel coronavirus infection. <i>Journal of Clinical Practice</i> , 2021, 12, 33-40.	0.6	2
32	Synthesis and antimicrobial properties of 5,5'-modified 2',5'-dideoxyuridines. <i>Heterocyclic Communications</i> , 2015, 21, 297-301.	1.2	1
33	5-Alkylthiomethyl Derivatives of 2'-Deoxyuridine: Synthesis and Antibacterial Activity. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 133-138.	1.0	1