

Marina B Gottikh

List of Publications by Year in descending order

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33
papers

415
citations

840776

11
h-index

794594

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33
all docs

33
docs citations

33
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for HIV-1 DNA integration in the human genome, role of the LEDGF/P75 cofactor. <i>EMBO Journal</i> , 2009, 28, 980-991.	7.8	91
2	Probing of HIV-1 Integrase/DNA Interactions Using Novel Analogs of Viral DNA. <i>Journal of Biological Chemistry</i> , 2006, 281, 11530-11540.	3.4	39
3	NHEJ pathway is involved in post-integrational DNA repair due to Ku70 binding to HIV-1 integrase. <i>Retrovirology</i> , 2019, 16, 30.	2.0	24
4	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.	4.0	21
5	Physico-chemical and Biological Properties of Antisense Phosphodiester Oligonucleotides with Various Secondary Structures. <i>Nucleosides & Nucleotides</i> , 1999, 18, 2071-2091.	0.5	18
6	Specific features of HIV-1 integrase inhibition by bisphosphonate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 73, 73-82.	5.5	18
7	Characterization of HIV-1 integrase interaction with human Ku70 protein and initial implications for drug targeting. <i>Scientific Reports</i> , 2017, 7, 5649.	3.3	18
8	Human Ku70 protein binds hairpin RNA and double stranded DNA through two different sites. <i>Biochimie</i> , 2017, 132, 85-93.	2.6	16
9	Targeting of single-stranded DNA and RNA containing adjacent pyrimidine and purine tracts by triple helix formation with circular and clamp oligonucleotides. <i>FEBS Journal</i> , 2000, 267, 3592-3603.	0.2	15
10	Structure-activity relationship study for design of highly active covalent peroxidase-mimicking DNAzyme. <i>RSC Advances</i> , 2015, 5, 51672-51677.	3.6	15
11	Isolation of gene-edited cells via knock-in of short glycoposphatidylinositol-anchored epitope tags. <i>Scientific Reports</i> , 2019, 9, 3132.	3.3	15
12	Phosphorylation Targets of DNA-PK and Their Role in HIV-1 Replication. <i>Cells</i> , 2020, 9, 1907.	4.1	12
13	Branched oligonucleotide-intercalator conjugate forming a parallel stranded structure inhibits HIV-1 integrase. <i>FEBS Letters</i> , 1999, 460, 270-274.	2.8	10
14	A new fluorometric assay for the study of DNA-binding and 3'-processing activities of retroviral integrases and its use for screening of HIV-1 integrase inhibitors. <i>Biochimie</i> , 2012, 94, 2382-2390.	2.6	10
15	NF- κ B p50 subunit cross-linking to DNA duplexes, containing a monosubstituted pyrophosphate internucleotide bond. <i>FEBS Letters</i> , 1996, 381, 35-38.	2.8	9
16	Uptake and Intracellular Distribution of Oligonucleotides Vectorized by a PAMAM Dendrimer. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1721-1722.	0.5	9
17	A qPCR assay for measuring the post-integrational DNA repair in HIV-1 replication. <i>Journal of Virological Methods</i> , 2018, 262, 12-19.	2.1	9
18	Analysis of RNA binding properties of human Ku protein reveals its interactions with 7SK snRNA and protein components of 7SK snRNP complex. <i>Biochimie</i> , 2020, 171-172, 110-123.	2.6	9

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19	DNA sequence-specific ligands. XVIII. Synthesis, physico-chemical properties; genetic, virological, and biochemical studies of fluorescent dimeric bisbenzimidazoles DBPA(n). <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115378.	3.0	9
20	Consensus HIV-1 subtype A integrase and its raltegravir-resistant variants: Design and characterization of the enzymatic properties. <i>Biochimie</i> , 2014, 102, 92-101.	2.6	8
21	Structure-Activity Relationship Studies of HIV-1 Integrase Oligonucleotide Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 532-537.	2.8	7
22	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.	3.3	7
23	Antiretroviral Hydrophobic Core Graft-Copolymer Nanoparticles: The Effectiveness against Mutant HIV-1 Strains and in Vivo Distribution after Topical Application. <i>Pharmaceutical Research</i> , 2019, 36, 73.	3.5	5
24	Suicide inactivation of covalent peroxidase-mimicking DNAzyme with hydrogen peroxide and its protection by a reductant substrate. <i>Talanta</i> , 2016, 155, 212-215.	5.5	4
25	Complex of HIV-1 Integrase with Cellular Ku Protein: Interaction Interface and Search for Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2908.	4.1	4
26	Role of Polyamine-Induced Dimerization of Antizyme in Its Cellular Functions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4614.	4.1	4
27	Synthesis of Nucleopeptide-Oligonucleotide Conjugates. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1489-1490.	0.5	3
28	A Fluorescent Assay to Search for Inhibitors of HIV-1 Integrase Interactions with Human Ku70 Protein, and Its Application for Characterization of Oligonucleotide Inhibitors. <i>Biomolecules</i> , 2020, 10, 1236.	4.0	2
29	Transcriptome analysis of HEK 293T cells revealed different significance of the depletion of DNA-dependent protein kinase subunits, Ku70, Ku80, and DNA-PKcs. <i>Biochimie</i> , 2022, , .	2.6	2
30	Inhibition of HIV-1 Integration by Mono- & Bifunctionalized Triple Helix Forming Oligonucleotides. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1717-1718.	0.5	1
31	Transcriptome dataset of HEK293T cells depleted of one of the subunits of the DNA-PK complex: Ku70, Ku80 or DNA-PKcs. <i>Data in Brief</i> , 2021, 39, 107596.	1.0	1
32	Development of a Rapid Screening System to Test Antisense ODN Modifications and Carriers. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1271-1276.	0.5	0
33	The Role of DNA Repair Complex DNA-PK in HIV-1 Transcription. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0