Marina B Gottikh

List of Publications by Year
in descending order

33	415	840776 11	794594 19
papers	citations	h-index	g-index

33	33	33	498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complex of HIV-1 Integrase with Cellular Ku Protein: Interaction Interface and Search for Inhibitors. International Journal of Molecular Sciences, 2022, 23, 2908.	4.1	4
2	Transcriptome analysis of HEK 293T cells revealed different significance of the depletion of DNA-dependent protein kinase subunits, Ku70, Ku80, and DNA-PKcs. Biochimie, 2022, , .	2.6	2
3	Role of Polyamine-Induced Dimerization of Antizyme in Its Cellular Functions. International Journal of Molecular Sciences, 2022, 23, 4614.	4.1	4
4	Transcriptome dataset of HEK293T cells depleted of one of the subunits of the DNA-PK complex: Ku70, Ku80 or DNA-PKcs. Data in Brief, 2021, 39, 107596.	1.0	1
5	The Role of DNA Repair Complex DNA-PK in HIV-1 Transcription. Proceedings (mdpi), 2020, 50, .	0.2	0
6	A Fluorescent Assay to Search for Inhibitors of HIV-1 Integrase Interactions with Human Ku70 Protein, and Its Application for Characterization of Oligonucleotide Inhibitors. Biomolecules, 2020, 10, 1236.	4.0	2
7	Phosphorylation Targets of DNA-PK and Their Role in HIV-1 Replication. Cells, 2020, 9, 1907.	4.1	12
8	Analysis of RNA binding properties of human Ku protein reveals its interactions with 7SK snRNA and protein components of 7SK snRNP complex. Biochimie, 2020, 171-172, 110-123.	2.6	9
9	DNA sequence-specific ligands. XVIII. Synthesis, physico-chemical properties; genetic, virological, and biochemical studies of fluorescent dimeric bisbenzimidazoles DBPA(n). Bioorganic and Medicinal Chemistry, 2020, 28, 115378.	3.0	9
10	NHEJ pathway is involved in post-integrational DNA repair due to Ku70 binding to HIV-1 integrase. Retrovirology, 2019, 16, 30.	2.0	24
11	Isolation of gene-edited cells via knock-in of short glycophosphatidylinositol-anchored epitope tags. Scientific Reports, 2019, 9, 3132.	3.3	15
12	Antiretroviral Hydrophobic Core Graft-Copolymer Nanoparticles: The Effectiveness against Mutant HIV-1 Strains and in Vivo Distribution after Topical Application. Pharmaceutical Research, 2019, 36, 73.	3.5	5
13	HIV-1 Reverse Transcriptase Promotes Tumor Growth and Metastasis Formation via ROS-Dependent Upregulation of Twist. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-28.	4.0	21
14	A qPCR assay for measuring the post-integrational DNA repair in HIV-1 replication. Journal of Virological Methods, 2018, 262, 12-19.	2.1	9
15	Characterization of HIV-1 integrase interaction with human Ku70 protein and initial implications for drug targeting. Scientific Reports, 2017, 7, 5649.	3.3	18
16	Human Ku70 protein binds hairpin RNA and double stranded DNA through two different sites. Biochimie, 2017, 132, 85-93.	2.6	16
17	Suicide inactivation of covalent peroxidase-mimicking DNAzyme with hydrogen peroxide and its protection by a reductant substrate. Talanta, 2016, 155, 212-215.	5.5	4
18	Hydrophobic-core PEGylated graft copolymer-stabilized nanoparticles composed of insoluble non-nucleoside reverse transcriptase inhibitors exhibit strong anti-HIV activity. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2405-2413.	3.3	7

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19	Structureâ€“activity relationship study for design of highly active covalent peroxidase-mimicking DNAzyme. RSC Advances, 2015, 5, 51672-51677.	3.6	15
20	Consensus HIV-1 subtype A integrase and its raltegravir-resistant variants: Design and characterization of the enzymatic properties. Biochimie, 2014, 102, 92-101.	2.6	8
21	Specific features of HIV-1 integrase inhibition by bisphosphonate derivatives. European Journal of Medicinal Chemistry, 2014, 73, 73-82.	5.5	18
22	A new fluorometric assay for the study of DNA-binding and 3â€²-processing activities of retroviral integrases and its use for screening of HIV-1 integrase inhibitors. Biochimie, 2012, 94, 2382-2390.	2.6	10
23	Structureâ€“Activity Relationship Studies of HIV-1 Integrase Oligonucleotide Inhibitors. ACS Medicinal Chemistry Letters, 2011, 2, 532-537.	2.8	7
24	Structural basis for HIV-1 DNA integration in the human genome, role of the LEDGF/P75 cofactor. EMBO Journal, 2009, 28, 980-991.	7.8	91
25	Probing of HIV-1 Integrase/DNA Interactions Using Novel Analogs of Viral DNA. Journal of Biological Chemistry, 2006, 281, 11530-11540.	3.4	39
26	Targeting of single-stranded DNA and RNA containing adjacent pyrimidine and purine tracts by triple helix formation with circular and clamp oligonucleotides. FEBS Journal, 2000, 267, 3592-3603.	0.2	15
27	Development of a Rapid Screening System to Test Antisense ODN Modifications and Carriers. Nucleosides & Nucleotides, 1999, 18, 1271-1276.	0.5	0
28	Synthesis of Nucleopeptide-Oligonucleotide Conjugates. Nucleosides & Nucleotides, 1999, 18, 1489-1490.	0.5	3
29	Physico-chemical and Biological Properties of Antisense Phosphodiester Oligonucleotides with Various Secondary Structures. Nucleosides & Nucleotides, 1999, 18, 2071-2091.	0.5	18
30	Uptake and Intracellular Distribution of Oligonucleotides Vectorized by a PAMAM Dendrimer. Nucleosides & Nucleotides, 1999, 18, 1721-1722.	0.5	9
31	Branched oligonucleotide-intercalator conjugate forming a parallel stranded structure inhibits HIV-1 integrase. FEBS Letters, 1999, 460, 270-274.	2.8	10
32	Inhibition of HIV-1 Integration by Mono- & Bifunctionalized Triple Helix Forming Oligonucleotides. Nucleosides & Nucleotides, 1999, 18, 1717-1718.	0.5	1
33	NF-ÎºB p50 subunit cross-linking to DNA duplexes, containing a monosubstituted pyrophosphate internucleotide bond. FEBS Letters, 1996, 381, 35-38.	2.8	9