

# Baek Kim

## List of Publications by Year in descending order

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127  
papers

6,911  
citations

76294

40  
h-index

69214

77  
g-index

132  
all docs

132  
docs citations

132  
times ranked

5735  
citing authors

#	ARTICLE	IF	CITATIONS
1	SAMHD1 restricts the replication of human immunodeficiency virus type 1 by depleting the intracellular pool of deoxynucleoside triphosphates. <i>Nature Immunology</i> , 2012, 13, 223-228.	7.0	719
2	SAMHD1 restricts HIV-1 infection in resting CD4+ T cells. <i>Nature Medicine</i> , 2012, 18, 1682-1688.	15.2	519
3	The Retroviral Restriction Ability of SAMHD1, but Not Its Deoxynucleotide Triphosphohydrolase Activity, Is Regulated by Phosphorylation. <i>Cell Host and Microbe</i> , 2013, 13, 441-451.	5.1	280
4	Macrophage Tropism of HIV-1 Depends on Efficient Cellular dNTP Utilization by Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2004, 279, 51545-51553.	1.6	258
5	The ribonuclease activity of SAMHD1 is required for HIV-1 restriction. <i>Nature Medicine</i> , 2014, 20, 936-941.	15.2	244
6	Tight Interplay among SAMHD1 Protein Level, Cellular dNTP Levels, and HIV-1 Proviral DNA Synthesis Kinetics in Human Primary Monocyte-derived Macrophages. <i>Journal of Biological Chemistry</i> , 2012, 287, 21570-21574.	1.6	181
7	SAMHD1 restricts HIV-1 infection in dendritic cells (DCs) by dNTP depletion, but its expression in DCs and primary CD4+T-lymphocytes cannot be upregulated by interferons. <i>Retrovirology</i> , 2012, 9, 105.	0.9	166
8	Host Factor SAMHD1 Restricts DNA Viruses in Non-Dividing Myeloid Cells. <i>PLoS Pathogens</i> , 2013, 9, e1003481.	2.1	151
9	SAMHD1 Promotes DNA End Resection to Facilitate DNA Repair by Homologous Recombination. <i>Cell Reports</i> , 2017, 20, 1921-1935.	2.9	147
10	Mouse SAMHD1 Has Antiretroviral Activity and Suppresses a Spontaneous Cell-Intrinsic Antiviral Response. <i>Cell Reports</i> , 2013, 4, 689-696.	2.9	139
11	SAMHD1 prevents autoimmunity by maintaining genome stability. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, e17-e17.	0.5	133
12	Restriction of diverse retroviruses by SAMHD1. <i>Retrovirology</i> , 2013, 10, 26.	0.9	124
13	Contribution of SAM and HD domains to retroviral restriction mediated by human SAMHD1. <i>Virology</i> , 2013, 436, 81-90.	1.1	120
14	The Vpx Lentiviral Accessory Protein Targets SAMHD1 for Degradation in the Nucleus. <i>Journal of Virology</i> , 2012, 86, 12552-12560.	1.5	112
15	Metabolite profiles of human immunodeficiency virus infected CD4+ T cells and macrophages using LC-MS/MS analysis. <i>Virology</i> , 2011, 415, 153-159.	1.1	111
16	Akt inhibitors as an HIV-1 infected macrophage-specific anti-viral therapy. <i>Retrovirology</i> , 2008, 5, 11.	0.9	100
17	HIV-1 Vpr-Induced Apoptosis Is Cell Cycle Dependent and Requires Bax but Not ANT. <i>PLoS Pathogens</i> , 2006, 2, e127.	2.1	98
18	A Novel Mechanism Driving Poor-Prognosis Prostate Cancer: Overexpression of the DNA Repair Gene, Ribonucleotide Reductase Small Subunit M2 (RRM2). <i>Clinical Cancer Research</i> , 2019, 25, 4480-4492.	3.2	96

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19	The lncRNA lincNMR regulates nucleotide metabolism via a YBX1 - RRM2 axis in cancer. <i>Nature Communications</i> , 2020, 11, 3214.	5.8	96
20	Ribonucleoside Triphosphates as Substrate of Human Immunodeficiency Virus Type 1 Reverse Transcriptase in Human Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 39380-39391.	1.6	94
21	SAMHD1-mediated HIV-1 restriction in cells does not involve ribonuclease activity. <i>Nature Medicine</i> , 2016, 22, 1072-1074.	15.2	85
22	p21-mediated RNR2 repression restricts HIV-1 replication in macrophages by inhibiting dNTP biosynthesis pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3997-4006.	3.3	83
23	A G1-like state allows HIV-1 to bypass SAMHD1 restriction in macrophages. <i>EMBO Journal</i> , 2017, 36, 604-616.	3.5	82
24	SAMHD1 controls cell cycle status, apoptosis and HIV-1 infection in monocytic THP-1 cells. <i>Virology</i> , 2016, 495, 92-100.	1.1	77
25	Targeting PFKFB3 radiosensitizes cancer cells and suppresses homologous recombination. <i>Nature Communications</i> , 2018, 9, 3872.	5.8	77
26	Intracellular nucleotide levels and the control of retroviral infections. <i>Virology</i> , 2013, 436, 247-254.	1.1	76
27	Phosphoinositide 3-kinase inhibitors induce DNA damage through nucleoside depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4338-47.	3.3	76
28	GTP Is the Primary Activator of the Anti-HIV Restriction Factor SAMHD1. <i>Journal of Biological Chemistry</i> , 2013, 288, 25001-25006.	1.6	72
29	Thermal Effects on Reverse Transcription: Improvement of Accuracy and Processivity in cDNA Synthesis. <i>BioTechniques</i> , 2001, 30, 1074-1084.	0.8	57
30	Restrictive influence of SAMHD1 on Hepatitis B Virus life cycle. <i>Scientific Reports</i> , 2016, 6, 26616.	1.6	56
31	Evidence for IFN $\alpha$ -induced, SAMHD1-independent inhibitors of early HIV-1 infection. <i>Retrovirology</i> , 2013, 10, 23.	0.9	54
32	A Role for dNTP Binding of Human Immunodeficiency Virus Type 1 Reverse Transcriptase in Viral Mutagenesis. <i>Biochemistry</i> , 2004, 43, 4490-4500.	1.2	53
33	SAMHD1 is recurrently mutated in T-cell prolymphocytic leukemia. <i>Blood Cancer Journal</i> , 2018, 8, 11.	2.8	52
34	SAMHD1 Functions and Human Diseases. <i>Viruses</i> , 2020, 12, 382.	1.5	51
35	Mechanistic Differences in RNA-dependent DNA Polymerization and Fidelity between Murine Leukemia Virus and HIV-1 Reverse Transcriptases. <i>Journal of Biological Chemistry</i> , 2005, 280, 12190-12200.	1.6	50
36	HPV31 utilizes the ATR-Chk1 pathway to maintain elevated RRM2 levels and a replication-competent environment in differentiating Keratinocytes. <i>Virology</i> , 2016, 499, 383-396.	1.1	49

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37	Dephosphorylation of the HIV-1 restriction factor SAMHD1 is mediated by PP2A-B55± holoenzymes during mitotic exit. <i>Nature Communications</i> , 2018, 9, 2227.	5.8	49
38	Infection of Human Immunodeficiency Virus and Intracellular Viral Tat Protein Exert a Pro-survival Effect in a Human Microglial Cell Line. <i>Journal of Molecular Biology</i> , 2007, 366, 67-81.	2.0	48
39	Chemotherapy induces Notch1-dependent MRP1 up-regulation, inhibition of which sensitizes breast cancer cells to chemotherapy. <i>BMC Cancer</i> , 2015, 15, 634.	1.1	48
40	Effects of T592 phosphomimetic mutations on tetramer stability and dNTPase activity of SAMHD1 can not explain the retroviral restriction defect. <i>Scientific Reports</i> , 2016, 6, 31353.	1.6	48
41	Anti-HIV Host Factor SAMHD1 Regulates Viral Sensitivity to Nucleoside Reverse Transcriptase Inhibitors via Modulation of Cellular Deoxyribonucleoside Triphosphate (dNTP) Levels. <i>Journal of Biological Chemistry</i> , 2013, 288, 20683-20691.	1.6	46
42	Vpx overcomes a SAMHD1-independent block to HIV reverse transcription that is specific to resting CD4 T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2729-2734.	3.3	46
43	Substrates and Inhibitors of SAMHD1. <i>PLoS ONE</i> , 2017, 12, e0169052.	1.1	45
44	Repurposing Nucleoside Analogs for Human Coronaviruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	1.4	45
45	Frequent Incorporation of Ribonucleotides during HIV-1 Reverse Transcription and Their Attenuated Repair in Macrophages. <i>Journal of Biological Chemistry</i> , 2012, 287, 14280-14288.	1.6	43
46	Vpx rescue of HIV-1 from the antiviral state in mature dendritic cells is independent of the intracellular deoxynucleotide concentration. <i>Retrovirology</i> , 2014, 11, 12.	0.9	42
47	Mechanistic Role of Residue Gln151 in Error Prone DNA Synthesis by Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase (RT). <i>Journal of Biological Chemistry</i> , 2002, 277, 22662-22669.	1.6	40
48	The SAMHD1-mediated block of LINE-1 retroelements is regulated by phosphorylation. <i>Mobile DNA</i> , 2018, 9, 11.	1.3	40
49	Genetic Selection in <i>Escherichia coli</i> for Active Human Immunodeficiency Virus Reverse Transcriptase Mutants. <i>Methods</i> , 1997, 12, 318-324.	1.9	39
50	Modification of Human Immunodeficiency Virus Type 1 Reverse Transcriptase to Target Cells with Elevated Cellular dNTP Concentrations. <i>Journal of Biological Chemistry</i> , 2006, 281, 13388-13395.	1.6	39
51	Thymidylate synthase maintains the de-differentiated state of triple negative breast cancers. <i>Cell Death and Differentiation</i> , 2019, 26, 2223-2236.	5.0	39
52	Endonuclease substrate selectivity characterized with full-length PA of influenza A virus polymerase. <i>Virology</i> , 2012, 433, 27-34.	1.1	38
53	Establishment and Reversal of HIV-1 Latency in Naive and Central Memory CD4 <sup>+</sup> T Cells <i>In Vitro</i> . <i>Journal of Virology</i> , 2016, 90, 8059-8073.	1.5	37
54	dNTP pool modulation dynamics by SAMHD1 protein in monocyte-derived macrophages. <i>Retrovirology</i> , 2014, 11, 63.	0.9	36

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55	Ribonucleotide reductase inhibitors suppress SAMHD1 and CTPase activity enhancing cytarabine efficacy. <i>EMBO Molecular Medicine</i> , 2020, 12, e10419.	3.3	35
56	Abundant Non-canonical dUTP Found in Primary Human Macrophages Drives Its Frequent Incorporation by HIV-1 Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2011, 286, 25047-25055.	1.6	34
57	USP18 (UBP43) Abrogates p21-Mediated Inhibition of HIV-1. <i>Journal of Virology</i> , 2018, 92, .	1.5	34
58	CD81 association with SAMHD1 enhances HIV-1 reverse transcription by increasing dNTP levels. <i>Nature Microbiology</i> , 2017, 2, 1513-1522.	5.9	34
59	An Integrated Biological Approach to Guide the Development of Metal-Chelating Inhibitors of Influenza Virus PA Endonuclease. <i>Molecular Pharmacology</i> , 2015, 87, 323-337.	1.0	33
60	Contribution of oligomerization to the anti-HIV-1 properties of SAMHD1. <i>Retrovirology</i> , 2013, 10, 131.	0.9	32
61	Metabolic profiling during HIV-1 and HIV-2 infection of primary human monocyte-derived macrophages. <i>Virology</i> , 2016, 491, 106-114.	1.1	32
62	A SAMHD1 mutation associated with Aicardi-Goutières syndrome uncouples the ability of SAMHD1 to restrict HIV-1 from its ability to downmodulate type I interferon in humans. <i>Human Mutation</i> , 2017, 38, 658-668.	1.1	31
63	Interferon block to HIV-1 transduction in macrophages despite SAMHD1 degradation and high deoxynucleoside triphosphates supply. <i>Retrovirology</i> , 2013, 10, 30.	0.9	30
64	Comparison of DNA polymerase activities between recombinant feline immunodeficiency and leukemia virus reverse transcriptases. <i>Virology</i> , 2005, 335, 106-121.	1.1	29
65	A central role for PI3K-AKT signaling pathway in linking SAMHD1-deficiency to the type I interferon signature. <i>Scientific Reports</i> , 2018, 8, 84.	1.6	29
66	Phosphorylation of mouse SAMHD1 regulates its restriction of human immunodeficiency virus type 1 infection, but not murine leukemia virus infection. <i>Virology</i> , 2016, 487, 273-284.	1.1	27
67	p21 Restricts HIV-1 in Monocyte-Derived Dendritic Cells through the Reduction of Deoxynucleoside Triphosphate Biosynthesis and Regulation of SAMHD1 Antiviral Activity. <i>Journal of Virology</i> , 2017, 91, .	1.5	27
68	Prolyl hydroxylase substrate adenylosuccinate lyase is an oncogenic driver in triple negative breast cancer. <i>Nature Communications</i> , 2019, 10, 5177.	5.8	27
69	The aryl hydrocarbon receptor and interferon gamma generate antiviral states via transcriptional repression. <i>ELife</i> , 2018, 7, .	2.8	27
70	Mechanistic Understanding of an Altered Fidelity Simian Immunodeficiency Virus Reverse Transcriptase Mutation, V148I, Identified in a Pig-tailed Macaque. <i>Journal of Biological Chemistry</i> , 2003, 278, 29913-29924.	1.6	26
71	Mechanistic and Kinetic Differences between Reverse Transcriptases of Vpx Coding and Non-coding Lentiviruses. <i>Journal of Biological Chemistry</i> , 2015, 290, 30078-30086.	1.6	26
72	SAMHD1 enhances immunoglobulin hypermutation by promoting transversion mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4921-4926.	3.3	26

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73	Nucleic acid binding by SAMHD1 contributes to the antiretroviral activity and is enhanced by the GpsN modification. <i>Nature Communications</i> , 2021, 12, 731.	5.8	26
74	Reduced dNTP Binding Affinity of 3TC-resistant M184I HIV-1 Reverse Transcriptase Variants Responsible for Viral Infection Failure in Macrophage. <i>Journal of Biological Chemistry</i> , 2008, 283, 9206-9216.	1.6	25
75	Novel inhibitors of human immunodeficiency virus type 2 infectivity. <i>Journal of General Virology</i> , 2014, 95, 2778-2783.	1.3	25
76	The Impact of Macrophage Nucleotide Pools on HIV-1 Reverse Transcription, Viral Replication, and the Development of Novel Antiviral Agents. <i>Molecular Biology International</i> , 2012, 2012, 1-8.	1.7	24
77	The human H5N1 influenza A virus polymerase complex is active in vitro over a broad range of temperatures, in contrast to the WSN complex, and this property can be attributed to the PB2 subunit. <i>Journal of General Virology</i> , 2008, 89, 2923-2932.	1.3	24
78	Neutralization of Acidic Intracellular Vesicles by Niclosamide Inhibits Multiple Steps of the Dengue Virus Life Cycle In Vitro. <i>Scientific Reports</i> , 2019, 9, 8682.	1.6	23
79	Mechanisms That Prevent Template Inactivation by HIV-1 Reverse Transcriptase RNase H Cleavages. <i>Journal of Biological Chemistry</i> , 2007, 282, 12598-12609.	1.6	22
80	Identification of a Simian Immunodeficiency Virus Reverse Transcriptase Variant with Enhanced Replicational Fidelity in the Late Stage of Viral Infection. <i>Journal of Biological Chemistry</i> , 2001, 276, 23624-23631.	1.6	21
81	Kinetic variations between reverse transcriptases of viral protein X coding and noncoding lentiviruses. <i>Retrovirology</i> , 2014, 11, 111.	0.9	21
82	Comparative Study of the Temperature Sensitive, Cold Adapted and Attenuated Mutations Present in the Master Donor Viruses of the Two Commercial Human Live Attenuated Influenza Vaccines. <i>Viruses</i> , 2019, 11, 928.	1.5	21
83	Ribonucleotide incorporation in yeast genomic DNA shows preference for cytosine and guanosine preceded by deoxyadenosine. <i>Nature Communications</i> , 2020, 11, 2447.	5.8	21
84	Functionality of Redox-Active Cysteines Is Required for Restriction of Retroviral Replication by SAMHD1. <i>Cell Reports</i> , 2018, 24, 815-823.	2.9	20
85	SAMHD1 deficient human monocytes autonomously trigger type I interferon. <i>Molecular Immunology</i> , 2018, 101, 450-460.	1.0	20
86	Comparison of anti-SARS-CoV-2 activity and intracellular metabolism of remdesivir and its parent nucleoside. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100045.	1.7	20
87	A Highly Active Isoform of Lentivirus Restriction Factor SAMHD1 in Mouse. <i>Journal of Biological Chemistry</i> , 2017, 292, 1068-1080.	1.6	19
88	SUMOylation of SAMHD1 at Lysine 595 is required for HIV-1 restriction in non-cycling cells. <i>Nature Communications</i> , 2021, 12, 4582.	5.8	17
89	Interplay of ancestral non-primate lentiviruses with the virus-restricting SAMHD1 proteins of their hosts. <i>Journal of Biological Chemistry</i> , 2018, 293, 16402-16412.	1.6	16
90	Dihydropyrimidinase protects from DNA replication stress caused by cytotoxic metabolites. <i>Nucleic Acids Research</i> , 2020, 48, 1886-1904.	6.5	16

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91	A highly potent and safe pyrrolopyridine-based allosteric HIV-1 integrase inhibitor targeting host LEDGF/p75-integrase interaction site. <i>PLoS Pathogens</i> , 2021, 17, e1009671.	2.1	16
92	A CRISPR/Cas9 approach reveals that the polymerase activity of DNA polymerase $\beta$ is dispensable for HIV-1 infection in dividing and nondividing cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 14016-14025.	1.6	14
93	A Cyclin-Binding Motif in Human SAMHD1 Is Required for Its HIV-1 Restriction, dNTPase Activity, Tetramer Formation, and Efficient Phosphorylation. <i>Journal of Virology</i> , 2018, 92, .	1.5	14
94	The dNTPase activity of SAMHD1 is important for its suppression of innate immune responses in differentiated monocytic cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 1575-1586.	1.6	14
95	The impact of molecular manipulation in residue 114 of human immunodeficiency virus type-1 reverse transcriptase on dNTP substrate binding and viral replication. <i>Virology</i> , 2012, 422, 393-401.	1.1	13
96	Dual anti-HIV mechanism of clofarabine. <i>Retrovirology</i> , 2016, 13, 20.	0.9	13
97	Novel Insights into the Molecular Regulation of Ribonucleotide Reductase in Adrenocortical Carcinoma Treatment. <i>Cancers</i> , 2021, 13, 4200.	1.7	13
98	Restricted 5'-End Gap Repair of HIV-1 Integration Due to Limited Cellular dNTP Concentrations in Human Primary Macrophages. <i>Journal of Biological Chemistry</i> , 2013, 288, 33253-33262.	1.6	11
99	Host SAMHD1 Protein Promotes HIV-1 Recombination in Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 2489-2496.	1.6	11
100	Vpx mediated degradation of SAMHD1 has only a very limited effect on lentiviral transduction rate in ex vivo cultured HSPCs. <i>Stem Cell Research</i> , 2015, 15, 271-280.	0.3	10
101	Modulation of LINE-1 retrotransposition by a human SAMHD1 polymorphism. <i>Virology Reports</i> , 2016, 6, 53-60.	0.4	10
102	5-Azacytidine Enhances the Mutagenesis of HIV-1 by Reduction to 5-Aza-2'-Deoxycytidine. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2318-2325.	1.4	10
103	Tetraspanin CD81 regulates HSV-1 infection. <i>Medical Microbiology and Immunology</i> , 2020, 209, 489-498.	2.6	10
104	Mechanistic Variations among Reverse Transcriptases of Simian Immunodeficiency Virus Variants Isolated from African Green Monkeys. <i>Biochemistry</i> , 2009, 48, 5389-5395.	1.2	9
105	Elimination of Aicardi-Goutières syndrome protein SAMHD1 activates cellular innate immunity and suppresses SARS-CoV-2 replication. <i>Journal of Biological Chemistry</i> , 2022, 298, 101635.	1.6	9
106	Deoxynucleoside Triphosphate Incorporation Mechanism of Foamy Virus (FV) Reverse Transcriptase: Implications for Cell Tropism of FV. <i>Journal of Virology</i> , 2008, 82, 8235-8238.	1.5	7
107	Effect of Ribonucleotides Embedded in a DNA Template on HIV-1 Reverse Transcription Kinetics and Fidelity. <i>Journal of Biological Chemistry</i> , 2013, 288, 12522-12532.	1.6	7
108	Host SAMHD1 protein restricts endogenous reverse transcription of HIV-1 in nondividing macrophages. <i>Retrovirology</i> , 2018, 15, 69.	0.9	7

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109	Structural and functional characterization explains loss of dNTPase activity of the cancer-specific R366C/H mutant SAMHD1 proteins. <i>Journal of Biological Chemistry</i> , 2021, 297, 101170.	1.6	7
110	Oncogenic Integration of Nucleotide Metabolism via Fatty Acid Synthase in Non-Hodgkin Lymphoma. <i>Frontiers in Oncology</i> , 2021, 11, 725137.	1.3	7
111	Efficient pre-catalytic conformational change of reverse transcriptases from SAMHD1 non-counteracting primate lentiviruses during dNTP incorporation. <i>Virology</i> , 2019, 537, 36-44.	1.1	6
112	Effect of induced dNTP pool imbalance on HIV-1 reverse transcription in macrophages. <i>Retrovirology</i> , 2019, 16, 29.	0.9	6
113	Mechanistic cross-talk between DNA/RNA polymerase enzyme kinetics and nucleotide substrate availability in cells: Implications for polymerase inhibitor discovery. <i>Journal of Biological Chemistry</i> , 2020, 295, 13432-13443.	1.6	6
114	MESH1 knockdown triggers proliferation arrest through TAZ repression. <i>Cell Death and Disease</i> , 2022, 13, 221.	2.7	6
115	Differential regulatory activities of viral protein X for anti-viral efficacy of nucleos(t)ide reverse transcriptase inhibitors in monocyte-derived macrophages and activated CD4+ T cells. <i>Virology</i> , 2015, 485, 313-321.	1.1	5
116	Disproportionate presence of adenosine in mitochondrial and chloroplast DNA of <i>Chlamydomonas reinhardtii</i> . <i>IScience</i> , 2021, 24, 102005.	1.9	5
117	Incomplete Suppression of HIV-1 by SAMHD1 Permits Efficient Macrophage Infection. <i>Pathogens and Immunity</i> , 2018, 3, 197.	1.4	5
118	Pre-steady state kinetic analysis of HIV-1 reverse transcriptase for non-canonical ribonucleoside triphosphate incorporation and DNA synthesis from ribonucleoside-containing DNA template. <i>Antiviral Research</i> , 2015, 115, 75-82.	1.9	4
119	In silico screening identifies a novel small molecule inhibitor that counteracts PARP inhibitor resistance in ovarian cancer. <i>Scientific Reports</i> , 2021, 11, 8042.	1.6	4
120	HIV-1 Reverse Transcriptase-Based Assay to Determine Cellular dNTP Concentrations. <i>Methods in Molecular Biology</i> , 2016, 1354, 61-70.	0.4	4
121	SAMHD1 Promotes the Antiretroviral Adaptive Immune Response in Mice Exposed to Lipopolysaccharide. <i>Journal of Immunology</i> , 2022, 208, 444-453.	0.4	4
122	The small molecule 3G11 inhibits HIV-1 reverse transcription. <i>Chemical Biology and Drug Design</i> , 2017, 89, 608-618.	1.5	3
123	Viral protein X reduces the incorporation of mutagenic noncanonical rNTPs during lentivirus reverse transcription in macrophages. <i>Journal of Biological Chemistry</i> , 2020, 295, 657-666.	1.6	3
124	Nucleotide Analogues Bearing a C2 <sup>2</sup> or C3 <sup>2</sup> -Stereogenic All-Carbon Quaternary Center as SARS-CoV-2 RdRp Inhibitors. <i>Molecules</i> , 2022, 27, 564.	1.7	3
125	Enhanced enzyme kinetics of reverse transcriptase variants cloned from animals infected with SIVmac239 lacking viral protein X. <i>Journal of Biological Chemistry</i> , 2020, 295, 16975-16986.	1.6	2
126	Distinct Antiretroviral Mechanisms Elicited by a Viral Mutagen. <i>Journal of Molecular Biology</i> , 2021, 433, 167111.	2.0	1



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127	Abstract P5-17-04: Combined PI3K and NOS inhibition enhances efficacy of taxane-based chemotherapy in metaplastic breast cancer. Cancer Research, 2022, 82, P5-17-04-P5-17-04.	0.4	0