

Zhinan Jin

List of Publications by Year in descending order

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18
papers

1,029
citations

567281

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888059

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Ambiguous Base-Pairing and High Substrate Efficiency of T-705 (Favipiravir) Ribofuranosyl 5â€²-Triphosphate towards Influenza A Virus Polymerase. PLoS ONE, 2013, 8, e68347.	2.5	216
2	Discovery of 4â€²-Chloromethyl-2â€²-deoxy-3â€²,5â€²-di- <i>O</i> -isobutyryl-2â€²-fluorocytidine (ALS-8176), A First-in-Class RSV Polymerase Inhibitor for Treatment of Human Respiratory Syncytial Virus Infection. Journal of Medicinal Chemistry, 2015, 58, 1862-1878.	6.4	111
3	Structure of the Respiratory Syncytial Virus Polymerase Complex. Cell, 2019, 179, 193-204.e14.	28.9	108
4	Synthesis and Anti-Influenza Activity of Pyridine, Pyridazine, and Pyrimidine <i>C</i> -Nucleosides as Favipiravir (T-705) Analogues. Journal of Medicinal Chemistry, 2016, 59, 4611-4624.	6.4	74
5	Molecular Basis for the Selective Inhibition of Respiratory Syncytial Virus RNA Polymerase by 2'-Fluoro-4'-Chloromethyl-Cytidine Triphosphate. PLoS Pathogens, 2015, 11, e1004995.	4.7	69
6	Efficiency of Incorporation and Chain Termination Determines the Inhibition Potency of 2â€²-Modified Nucleotide Analogs against Hepatitis C Virus Polymerase. Antimicrobial Agents and Chemotherapy, 2014, 58, 3636-3645.	3.2	68
7	Biochemical Evaluation of the Inhibition Properties of Favipiravir and 2â€²- <i>C</i> -Methyl-Cytidine Triphosphates against Human and Mouse Norovirus RNA Polymerases. Antimicrobial Agents and Chemotherapy, 2015, 59, 7504-7516.	3.2	61
8	Structure(s), function(s), and inhibition of the RNA-dependent RNA polymerase of noroviruses. Virus Research, 2017, 234, 21-33.	2.2	56
9	Assembly, Purification, and Pre-steady-state Kinetic Analysis of Active RNA-dependent RNA Polymerase Elongation Complex. Journal of Biological Chemistry, 2012, 287, 10674-10683.	3.4	49
10	Characterization of the Elongation Complex of Dengue Virus RNA Polymerase. Journal of Biological Chemistry, 2011, 286, 2067-2077.	3.4	45
11	Structure-activity relationship analysis of mitochondrial toxicity caused by antiviral ribonucleoside analogs. Antiviral Research, 2017, 143, 151-161.	4.1	41
12	NTP-mediated nucleotide excision activity of hepatitis C virus RNA-dependent RNA polymerase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E348-57.	7.1	38
13	Synthesis and Anti-HCV Activities of 4â€²-Fluoro-2â€²-Substituted Uridine Triphosphates and Nucleotide Prodrugs: Discovery of 4â€²-Fluoro-2â€²- <i>C</i> -methyluridine 5â€²-Phosphoramidate Prodrug (AL-335) for the Treatment of Hepatitis C Infection. Journal of Medicinal Chemistry, 2019, 62, 4555-4570.	6.4	34
14	Synthesis and Anti-HCV Activity of Sugar-Modified Guanosine Analogues: Discovery of AL-611 as an HCV NS5B Polymerase Inhibitor for the Treatment of Chronic Hepatitis C. Journal of Medicinal Chemistry, 2020, 63, 10380-10395.	6.4	18
15	Site-specific labeling of T7 DNA polymerase with a conformationally sensitive fluorophore and its use in detecting single-nucleotide polymorphisms. Analytical Biochemistry, 2009, 384, 136-144.	2.4	17
16	Subgenomic promoter recognition by the norovirus RNA-dependent RNA polymerases. Nucleic Acids Research, 2015, 43, 446-460.	14.5	15
17	Role of a GAG Hinge in the Nucleotide-induced Conformational Change Governing Nucleotide Specificity by T7 DNA Polymerase. Journal of Biological Chemistry, 2011, 286, 1312-1322.	3.4	9
18	Synthesis and Anti-Hepatitis B Activities of 3â€²-Fluoro-2â€²-Substituted Apionucleosides. Molecules, 2022, 27, 2413.	3.8	0