

Zhinan Jin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12053428/publications.pdf>

Version: 2024-02-01

18
papers

1,029
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1492
citing authors

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