

Zhe Chen

List of Publications by Year in descending order

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1040056

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#	ARTICLE	IF	CITATIONS
1	A Cell-Permeant Mimetic of NMN Activates SARM1 to Produce Cyclic ADP-Ribose and Induce Non-apoptotic Cell Death. <i>IScience</i> , 2019, 15, 452-466.	4.1	135
2	In vitro selection of an XNA aptamer capable of small-molecule recognition. <i>Nucleic Acids Research</i> , 2018, 46, 8057-8068.	14.5	89
3	Thiophene-expanded guanosine analogues of Gemcitabine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4274-4276.	2.2	33
4	Catalysis-Based Inhibitors of the Calcium Signaling Function of CD38. <i>Biochemistry</i> , 2012, 51, 555-564.	2.5	31
5	Novel Hepatitis B Virus Capsid Assembly Modulator Induces Potent Antiviral Responses <i>In Vitro</i> and in Humanized Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	28
6	Dynamic Conformations of the CD38-Mediated NAD Cyclization Captured in a Single Crystal. <i>Journal of Molecular Biology</i> , 2011, 405, 1070-1078.	4.2	21
7	Structural Studies of Intermediates along the Cyclization Pathway of Aplysia ADP-Ribosyl Cyclase. <i>Journal of Molecular Biology</i> , 2012, 415, 514-526.	4.2	14
8	Bicyclic and Tricyclic "Expanded" Nucleobase Analogues of Sofosbuvir: New Scaffolds for Hepatitis C Therapies. <i>ACS Infectious Diseases</i> , 2015, 1, 357-366.	3.8	12
9	Studies on the Synthesis of Nicotinamide Nucleoside and Nucleotide Analogues and Their Inhibitions towards CD38 NADase. <i>Heterocycles</i> , 2011, 83, 2837.	0.7	11
10	Discovery and structure activity relationship of glyoxamide derivatives as anti-hepatitis B virus agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115952.	3.0	9
11	Thermostability Trends of TNA:DNA Duplexes Reveal Strong Purine Dependence. <i>ACS Synthetic Biology</i> , 2019, 8, 1144-1152.	3.8	8
12	Single-Molecule Kinetics Show DNA Pyrimidine Content Strongly Affects RNA:DNA and TNA:DNA Heteroduplex Dissociation Rates. <i>ACS Synthetic Biology</i> , 2020, 9, 249-253.	3.8	4
13	Synthesis and polymerase incorporation of $\hat{2},\hat{3}$ -modified $\hat{1}$ -l-threofuranosyl thymine triphosphate mimics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3958-3962.	2.2	1