

Jason D Fowler

List of Publications by Year in descending order

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17
papers

470
citations

687363

13
h-index

888059

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18
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18
docs citations

18
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Backbone assignment of the binary complex of the full length <i>Sulfolobus solfataricus</i> DNA polymerase IV and DNA. <i>Biomolecular NMR Assignments</i> , 2017, 11, 39-43.	0.8	4
2	Structural and kinetic insights into binding and incorporation of L-nucleotide analogs by a Y-family DNA polymerase. <i>Nucleic Acids Research</i> , 2014, 42, 9984-9995.	14.5	17
3	Presteady State Kinetic Investigation of the Incorporation of Anti-Hepatitis B Nucleotide Analogues Catalyzed by Noncanonical Human DNA Polymerases. <i>Chemical Research in Toxicology</i> , 2012, 25, 225-233.	3.3	17
4	Identification of an Unfolding Intermediate for a DNA Lesion Bypass Polymerase. <i>Chemical Research in Toxicology</i> , 2012, 25, 1531-1540.	3.3	15
5	Backbone assignment of the little finger domain of a Y-family DNA polymerase. <i>Biomolecular NMR Assignments</i> , 2011, 5, 195-198.	0.8	5
6	Pre-Steady-State Kinetic Analysis of the Incorporation of Anti-HIV Nucleotide Analogs Catalyzed by Human X- and Y-Family DNA Polymerases. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 276-283.	3.2	28
7	Quantitative analysis of the efficiency and mutagenic spectra of abasic lesion bypass catalyzed by human Y-family DNA polymerases. <i>Nucleic Acids Research</i> , 2011, 39, 609-622.	14.5	32
8	Backbone assignment of the catalytic core of a Y-family DNA polymerase. <i>Biomolecular NMR Assignments</i> , 2010, 4, 207-209.	0.8	6
9	Kinetic Basis of Nucleotide Selection Employed by a Protein Template-Dependent DNA Polymerase. <i>Biochemistry</i> , 2010, 49, 5504-5510.	2.5	30
10	Kinetic Basis of Sugar Selection by a Y-Family DNA Polymerase from <i>Sulfolobus solfataricus</i> P2. <i>Biochemistry</i> , 2010, 49, 10179-10186.	2.5	24
11	A Novel Mechanism of Sugar Selection Utilized by a Human X-Family DNA Polymerase. <i>Journal of Molecular Biology</i> , 2010, 395, 282-290.	4.2	53
12	Identification of Critical Residues for the Tight Binding of Both Correct and Incorrect Nucleotides to Human DNA Polymerase β . <i>Journal of Molecular Biology</i> , 2010, 403, 505-515.	4.2	13
13	Mechanistic Studies of the Bypass of a Bulky Single-base Lesion Catalyzed by a Y-family DNA Polymerase. <i>Journal of Biological Chemistry</i> , 2009, 284, 6379-6388.	3.4	33
14	Probing Conformational Changes of Human DNA Polymerase β using Mass Spectrometry-Based Protein Footprinting. <i>Journal of Molecular Biology</i> , 2009, 390, 368-379.	4.2	13
15	Kinetic Investigation of the Inhibitory Effect of Gemcitabine on DNA Polymerization Catalyzed by Human Mitochondrial DNA Polymerase. <i>Journal of Biological Chemistry</i> , 2008, 283, 15339-15348.	3.4	25
16	Single-turnover Kinetic Analysis of the Mutagenic Potential of 8-Oxo-7,8-dihydro-2'-deoxyguanosine during Gap-filling Synthesis Catalyzed by Human DNA Polymerases β and β 2. <i>Journal of Molecular Biology</i> , 2007, 367, 1258-1269.	4.2	61
17	Biochemical, Structural, and Physiological Characterization of Terminal Deoxynucleotidyl Transferase. <i>Chemical Reviews</i> , 2006, 106, 2092-2110.	47.7	94