

Robert D Kuchta

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

438
citations

840776

11
h-index

1058476

14
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27
all docs

27
docs citations

27
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and evolution of DNA primases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1180-1189.	2.3	114
2	Exploration of factors driving incorporation of unnatural dNTPS into DNA by Klenow fragment (DNA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	14.5	66
3	Arg304 of Human DNA Primase Is a Key Contributor to Catalysis and NTP Binding:Â Primase and the Family X Polymerases Share Significant Sequence Homologyâ€. <i>Biochemistry</i> , 1999, 38, 7727-7736.	2.5	52
4	Interactions of DNA with Human DNA Primase Monitored with Photoactivatable Cross-Linking Agents:Â Implications for the Role of the p58 Subunitâ€. <i>Biochemistry</i> , 1999, 38, 12899-12907.	2.5	46
5	Key Role of Template Sequence for Primer Synthesis by the Herpes Simplex Virus 1 Helicaseâ~Primase. <i>Biochemistry</i> , 2002, 41, 14569-14579.	2.5	28
6	Effects of Acyclovir, Foscarnet, and Ribonucleotides on Herpes Simplex Virus-1 DNA Polymerase: Mechanistic Insights and a Novel Mechanism for Preventing Stable Incorporation of Ribonucleotides into DNA. <i>Biochemistry</i> , 2016, 55, 1168-1177.	2.5	24
7	Human DNA Primase:Â Anion Inhibition, Manganese Stimulation, and Their Effects on In Vitro Start-Site Selectionâ€. <i>Biochemistry</i> , 1999, 38, 10126-10134.	2.5	23
8	Herpes Simplex Virus Type 1 Helicase-Primase: DNA Binding and Consequent Protein Oligomerization and Primase Activation. <i>Journal of Virology</i> , 2011, 85, 968-978.	3.4	23
9	Coordinated Leading and Lagging Strand DNA Synthesis by Using the Herpes Simplex Virus 1 Replication Complex and Minicircle DNA Templates. <i>Journal of Virology</i> , 2011, 85, 957-967.	3.4	22
10	Inhibition of CMP-Sialic Acid Transport into Golgi Vesicles by Nucleoside Monophosphates. <i>Biochemistry</i> , 2001, 40, 14260-14267.	2.5	16
11	Nucleotide Analogues as Probes for DNA and RNA Polymerases. <i>Current Protocols in Chemical Biology</i> , 2010, 2, 111-124.	1.7	13
12	Synthesis of Small-Molecule/DNA Hybrids through On-Bead Amide-Coupling Approach. <i>Journal of Organic Chemistry</i> , 2017, 82, 10803-10811.	3.2	8
13	Mechanisms By Which DNA And RNA Polymerases Discriminate Between Right And Wrong (d)NTPs. <i>FASEB Journal</i> , 2006, 20, A512.	0.5	2
14	Protein Displacement by Herpes Helicase-Primase and the Key Role of UL42 during Helicase-Coupled DNA Synthesis by the Herpes Polymerase. <i>Biochemistry</i> , 2017, 56, 2651-2662.	2.5	1