

Robert D Kuchta

List of Publications by Year in descending order

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14
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494
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis of Small-Molecule/DNA Hybrids through On-Bead Amide-Coupling Approach. <i>Journal of Organic Chemistry</i> , 2017, 82, 10803-10811. | 1.7 | 8 |
| 2 | 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. | 1.2 | 1 |
| 3 | 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. | 1.2 | 24 |
| 4 | 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. | 1.5 | 23 |
| 5 | 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. | 1.5 | 22 |
| 6 | Mechanism and evolution of DNA primases. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1180-1189. | 1.1 | 114 |
| 7 | Nucleotide Analogues as Probes for DNA and RNA Polymerases. <i>Current Protocols in Chemical Biology</i> , 2010, 2, 111-124. | 1.7 | 13 |
| 8 | Mechanisms By Which DNA And RNA Polymerases Discriminate Between Right And Wrong (d)NTPs. <i>FASEB Journal</i> , 2006, 20, A512. | 0.2 | 2 |
| 9 | Exploration of factors driving incorporation of unnatural dNTPS into DNA by Klenow fragment (DNA) Tj ETQq1 1 0.784314 rgBT /Over 6.5 66 | | |
| 10 | Key Role of Template Sequence for Primer Synthesis by the Herpes Simplex Virus 1 Helicase-Primase. <i>Biochemistry</i> , 2002, 41, 14569-14579. | 1.2 | 28 |
| 11 | Inhibition of CMP-Sialic Acid Transport into Golgi Vesicles by Nucleoside Monophosphates. <i>Biochemistry</i> , 2001, 40, 14260-14267. | 1.2 | 16 |
| 12 | Interactions of DNA with Human DNA Primase Monitored with Photoactivatable Cross-Linking Agents: Implications for the Role of the p58 Subunit. <i>Biochemistry</i> , 1999, 38, 12899-12907. | 1.2 | 46 |
| 13 | Human DNA Primase: Anion Inhibition, Manganese Stimulation, and Their Effects on In Vitro Start-Site Selection. <i>Biochemistry</i> , 1999, 38, 10126-10134. | 1.2 | 23 |
| 14 | Arg304 of Human DNA Primase Is a Key Contributor to Catalysis and NTP Binding: Primase and the Family X Polymerases Share Significant Sequence Homology. <i>Biochemistry</i> , 1999, 38, 7727-7736. | 1.2 | 52 |