

Unarta, Ilona Christy

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Elucidating molecular mechanisms of functional conformational changes of proteins via Markov state models. <i>Current Opinion in Structural Biology</i> , 2021, 67, 69-77. | 5.7 | 27 |
| 2 | EmPC-seq: Accurate RNA-sequencing and Bioinformatics Platform to Map RNA Polymerases and Remove Background Error. <i>Bio-protocol</i> , 2021, 11, e3921. | 0.4 | 1 |
| 3 | Entropy of stapled peptide inhibitors in free state is the major contributor to the improvement of binding affinity with the GK domain. <i>RSC Chemical Biology</i> , 2021, 2, 1274-1284. | 4.1 | 8 |
| 4 | Incorporation efficiency and inhibition mechanism of 2'-substituted nucleotide analogs against SARS-CoV-2 RNA-dependent RNA polymerase. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20117-20128. | 2.8 | 9 |
| 5 | Transcriptional processing of an unnatural base pair by eukaryotic RNA polymerase II. <i>Nature Chemical Biology</i> , 2021, 17, 906-914. | 8.0 | 16 |
| 6 | Markov State Models to Study the Functional Dynamics of Proteins in the Wake of Machine Learning. <i>Jacs Au</i> , 2021, 1, 1330-1341. | 7.9 | 56 |
| 7 | Identifying Transcription Error-Enriched Genomic Loci Using Nuclear Run-on Circular-Sequencing Coupled with Background Error Modeling. <i>Journal of Molecular Biology</i> , 2020, 432, 3933-3949. | 4.2 | 2 |
| 8 | Recent Developments in Integral Equation Theory for Solvation to Treat Density Inhomogeneity at Solute-Solvent Interface. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900049. | 2.8 | 7 |
| 9 | Molecular mechanisms of RNA polymerase II transcription elongation elucidated by kinetic network models. <i>Current Opinion in Structural Biology</i> , 2018, 49, 54-62. | 5.7 | 23 |
| 10 | Structural dissection of an interaction between transcription initiation and termination factors implicated in promoter-terminator cross-talk. <i>Journal of Biological Chemistry</i> , 2018, 293, 1651-1665. | 3.4 | 15 |
| 11 | Mechanism of DNA alkylation-induced transcriptional stalling, lesion bypass, and mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7082-E7091. | 7.1 | 31 |
| 12 | Elucidation of the Dynamics of Transcription Elongation by RNA Polymerase II using Kinetic Network Models. <i>Accounts of Chemical Research</i> , 2016, 49, 687-694. | 15.6 | 49 |