

Brian E Eckenroth

List of Publications by Year in descending order

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15
papers

199
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1163117

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289
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The CspC pseudoprotease regulates germination of <i>Clostridioides difficile</i> spores in response to multiple environmental signals. <i>PLoS Genetics</i> , 2019, 15, e1008224. | 3.5 | 32 |
| 2 | Structural insights into recognition of acetylated histone ligands by the BRPF1 bromodomain. <i>FEBS Letters</i> , 2014, 588, 3844-3854. | 2.8 | 29 |
| 3 | Structural investigation of a viral ortholog of human NEIL2/3 DNA glycosylases. <i>DNA Repair</i> , 2013, 12, 1062-1071. | 2.8 | 21 |
| 4 | Unique Structural Features of Mammalian NEIL2 DNA Glycosylase Prime Its Activity for Diverse DNA Substrates and Environments. <i>Structure</i> , 2021, 29, 29-42.e4. | 3.3 | 19 |
| 5 | Crystal Structure of DNA Polymerase $\hat{\epsilon}$ with DNA Containing the Base Lesion Spiroiminodihydantoin in a Templating Position. <i>Biochemistry</i> , 2014, 53, 2075-2077. | 2.5 | 18 |
| 6 | The E295K Cancer Variant of Human Polymerase $\hat{\epsilon}$ Favors the Mismatch Conformational Pathway during Nucleotide Selection. <i>Journal of Biological Chemistry</i> , 2013, 288, 34850-34860. | 3.4 | 15 |
| 7 | Contrasting Effects of W781V and W780V Mutations in Helix N of Herpes Simplex Virus 1 and Human Cytomegalovirus DNA Polymerases on Antiviral Drug Susceptibility. <i>Journal of Virology</i> , 2015, 89, 4636-4644. | 3.4 | 13 |
| 8 | Defective Nucleotide Release by DNA Polymerase $\hat{\epsilon}$ Mutator Variant E288K Is the Basis of Its Low Fidelity. <i>Biochemistry</i> , 2017, 56, 5550-5559. | 2.5 | 11 |
| 9 | Remote Mutations Induce Functional Changes in Active Site Residues of Human DNA Polymerase $\hat{\epsilon}$. <i>Biochemistry</i> , 2017, 56, 2363-2371. | 2.5 | 9 |
| 10 | Disulfide bridge formation influences ligand recognition by the ATAD2 bromodomain. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 157-167. | 2.6 | 9 |
| 11 | I260Q DNA polymerase $\hat{\epsilon}$ highlights precatalytic conformational rearrangements critical for fidelity. <i>Nucleic Acids Research</i> , 2018, 46, 10740-10756. | 14.5 | 8 |
| 12 | A lipoprotein allosterically activates the CwID amidase during <i>Clostridioides difficile</i> spore formation. <i>PLoS Genetics</i> , 2021, 17, e1009791. | 3.5 | 8 |
| 13 | The nature of the DNA substrate influences pre-catalytic conformational changes of DNA polymerase $\hat{\epsilon}$. <i>Journal of Biological Chemistry</i> , 2018, 293, 15084-15094. | 3.4 | 7 |
| 14 | Cover Image, Volume 87, Issue 2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, C4. | 2.6 | 0 |
| 15 | Disulfide bridge formation contributes to histone ligand recognition by the ATAD2 bromodomain. <i>FASEB Journal</i> , 2018, 32, 794.7. | 0.5 | 0 |