

Brian E Eckenroth

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	A lipoprotein allosterically activates the CwID amidase during <i>Clostridioides difficile</i> spore formation. <i>PLoS Genetics</i> , 2021, 17, e1009791.	3.5	8
3	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
4	Cover Image, Volume 87, Issue 2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, C4.	2.6	0
5	Disulfide bridge formation influences ligand recognition by the ATAD2 bromodomain. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 157-167.	2.6	9
6	I260Q DNA polymerase $\hat{\text{I}}^2$ highlights precatalytic conformational rearrangements critical for fidelity. <i>Nucleic Acids Research</i> , 2018, 46, 10740-10756.	14.5	8
7	The nature of the DNA substrate influences pre-catalytic conformational changes of DNA polymerase $\hat{\text{I}}^2$. <i>Journal of Biological Chemistry</i> , 2018, 293, 15084-15094.	3.4	7
8	Disulfide bridge formation contributes to histone ligand recognition by the ATAD2 bromodomain. <i>FASEB Journal</i> , 2018, 32, 794.7.	0.5	0
9	Remote Mutations Induce Functional Changes in Active Site Residues of Human DNA Polymerase $\hat{\text{I}}^2$. <i>Biochemistry</i> , 2017, 56, 2363-2371.	2.5	9
10	Defective Nucleotide Release by DNA Polymerase $\hat{\text{I}}^2$ Mutator Variant E288K Is the Basis of Its Low Fidelity. <i>Biochemistry</i> , 2017, 56, 5550-5559.	2.5	11
11	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
12	Structural insights into recognition of acetylated histone ligands by the BRPF1 bromodomain. <i>FEBS Letters</i> , 2014, 588, 3844-3854.	2.8	29
13	Crystal Structure of DNA Polymerase $\hat{\text{I}}^2$ with DNA Containing the Base Lesion Spiroiminodihydantoin in a Templating Position. <i>Biochemistry</i> , 2014, 53, 2075-2077.	2.5	18
14	The E295K Cancer Variant of Human Polymerase $\hat{\text{I}}^2$ Favors the Mismatch Conformational Pathway during Nucleotide Selection. <i>Journal of Biological Chemistry</i> , 2013, 288, 34850-34860.	3.4	15
15	Structural investigation of a viral ortholog of human NEIL2/3 DNA glycosylases. <i>DNA Repair</i> , 2013, 12, 1062-1071.	2.8	21