

Elizabeth O'brien

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

244
citations

1478505

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox Chemistry in the Genome: Emergence of the [4Fe4S] Cofactor in Repair and Replication. Annual Review of Biochemistry, 2019, 88, 163-190.	11.1	50
2	Substrate Binding Regulates Redox Signaling in Human DNA Primase. Journal of the American Chemical Society, 2018, 140, 17153-17162.	13.7	12
3	Functional and structural similarity of human DNA primase [4Fe4S] cluster domain constructs. PLoS ONE, 2018, 13, e0209345.	2.5	10
4	Yeast require redox switching in DNA primase. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13186-13191.	7.1	15
5	A human MUTYH variant linking colonic polyposis to redox degradation of the [4Fe4S] ₂ ⁺ cluster. Nature Chemistry, 2018, 10, 873-880.	13.6	20
6	The [4Fe4S] cluster of human DNA primase functions as a redox switch using DNA charge transport. Science, 2017, 355, .	12.6	114
7	Response to Comments on "The [4Fe4S] cluster of human DNA primase functions as a redox switch using DNA charge transport" Science, 2017, 357, .	12.6	5
8	Electrical Probes of DNA-Binding Proteins. Methods in Enzymology, 2017, 591, 355-414.	1.0	3
9	Redox Signaling through DNA. Israel Journal of Chemistry, 2016, 56, 705-723.	2.3	15