

Elizabeth O'brien

List of Publications by Year in descending order

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papers

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citations

1478505

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all docs

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docs citations

9
times ranked

285
citing authors

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